

GRADO EN CIENCIAS AMBIENTALES, GEOLOGÍA Y DOBLE GRADO EN CIENCIAS AMBIENTALES-GEOLOGÍA			
Asignatura: Geographic Information Systems (LEX) (Código 757609109)			
Curso	1º	Cuatrimestre	2º
Grado	Ciencias Ambientales, Geología y doble grado CC Ambientales-Geología		
Profesor/a coordinador/as:	Ángeles Barral Muñoz		
Adaptación del temario a la Docencia Online			
It is not necessary to adapt the syllabus to online teaching, maintaining the same structure in three blocks and 10 themes.			
Adecuación actividades formativas y metodologías docentes			
The classroom classes developed in computer classrooms have been replaced by the same classes recorded by the teachers of the subject in videos in which the computer screen of the teacher is recorded and explained step by step. In this way, during class hours, students carry out these activities (they follow the videos to make them on their personal computers, where they have installed a copy with an educational license of Arcgis 10.5) and meetings are organized by videoconference (Zoom) and teaching groups to evaluate the follow-up and delve into certain aspects. The tutorials have also been replaced by Zoom video conferencing.			
Adaptación de sistemas de evaluación			
<p><b>CONTINUOUS EVALUATION</b> HAD THREE CATEGORIES OF EVALUATION:</p> <p>The first of these consists of <b>two practical tests</b> that will be developed during the course in class hours (to be carried out using the corresponding GIS software), which will correspond to Blocks I and II of the syllabus. The practical nature of the subject matter and the method of continuous evaluation used prevent these two tests from being considered as partial evaluations in which material is eliminated. Some aspects will be assessed in only one of the two tests, but much of the content is inevitably taken into account in both tests. Each of these tests will be evaluated with 35% of the subject (in total 70%). The average will be obtained from the grades obtained in both, regardless of the grade obtained in each of them. This part will be exceeded with 5/10 points, but the minimum score to average with the rest of the continuous evaluation is 4/10 points. If this assessment stage is passed, but the Final Report is not submitted or suspended, the qualification may be reserved for future calls in the same academic year, if the student so wishes. Since the Faculty of Experimental reserves the default date and classroom for the final evaluation in June, teachers will be able to use this schedule for the performance of the second evaluation test.</p> <p>Secondly, temporarily coinciding with the second of the practical tests, students will be asked to provide the <b>material produced in class</b> (maps, graphs, databases and any other). This material will be valued with 10% of the subject.</p> <p>Third is the preparation of a Final Report that will consist in the resolution of an adapted case study of type GIS project valued with 20% of the overall qualification of the subject. The procedure is provided with a detailed outline of the steps to follow, which shall be carried out in class. Students will have to prepare a short report that will include a map of the results obtained and a document with the justification of procedures, methodologies and tools used. The contribution of some further step in the analysis of this case will be</p>			

evaluated to refine the conclusions.

This work corresponds to Block III, considered as a compendium of the methods and techniques learned, and is compulsory, having to obtain at least a 3/10 qualification as a prerequisite to pass the subject. The qualification of the Final Report may be kept in future calls of the same academic year, if the student so desires.

**CONTINUOUS EVALUATION WITH ONLINE TEACHING** IS MODIFIED KEEPING ONLY TWO OF THE CATEGORIES, AS FOLLOWS:

1. The first category consists of the preparation of 7 Practical Exercises, with the display of explanatory videos, reproduction of activities and delivery of results throughout the course in the Moodle links established for this purpose. Overall, these results will be assessed at 65 % of the overall score of the subject. With a week's delay in delivery, that 65% will be 55%, 35% if delivered two weeks late and 15% if delivered three weeks late. More than three weeks late they will no longer be evaluated, but delivery will remain mandatory. This value shall be weighted for each of the results of the proposed periods. The set of these exercises, as stated in the original guide, corresponds to Blocks I and II of the syllabus. The preparation of all exercises is mandatory and the minimum assessment of this part to pass the subject is 4/10.

2. Secondly, a Final Draft is requested, which will consist of the resolution of an adapted case study of type GIS project valued at 35% of the overall qualification of the subject. The execution procedure shall be provided with a detailed outline of the phases to be followed, which shall be carried out during video virtual classes. The students will have to prepare and deliver a report that will include the mapping of the results obtained and a text with the justification of procedures, methodologies and tools used. The contribution of some further step in the analysis of this case will be evaluated to refine the conclusions. This work, as in the original guide, corresponds to Block III, considered as a compendium of the methods and techniques learned. Its realization is obligatory, having to obtain at least a grade of 4/10 as a requirement to pass the subject. The qualification of the Final Project can be saved in future calls of the same academic year, if the student so desires.

<b>EVALUATION SYSTEM</b>	<b>PERCENTAGE (%)</b>
Documents / Own individual works (Blocks I and II: 7 practical activities).	65
Documents / Own individual works (Block III: Final Project).	35

**THE FINAL EVALUATION INITIALLY HAD THREE EVALUATION CATEGORIES:**

The general or final evaluation process will be carried out in the official call for students who request it through the procedure established by the University of Huelva at the beginning of the quarter. It will also consist of three parts to be delivered on the date of examination established by the Faculty of Experimental Sciences: A practical test to be carried out using the corresponding GIS software that will consist of exercises that can refer to Blocks I and II. This test will constitute 70% of the final qualification. The minimum grade to average with the rest of the sections of the final evaluation is 4/10 points The delivery of a set of materials produced by the student during the study of the subject (maps, graphs, databases and any other), valued at 10% of the final score. The delivery of a Final Report that will constitute an adapted case study of type GIS project valued with 20% of the final qualification. The moodle platform will provide students with a detailed outline of the steps to follow. Students will have to prepare a short

report that will include a map of the results obtained and a document with the justification of procedures, methodologies and tools used. The contribution of some further step in the analysis of this case will be evaluated to refine the conclusions. This work corresponds to Block III, considered as a compendium of the methods and techniques learned, and is obligatory, having to obtain at least a 3/10 point qualification as a prerequisite to pass the subject. The qualification of the Final Report may be kept in future calls of the same academic year, if the student so desires. Students who need to use this type of assessment are encouraged to attend tutoring regularly.

**THE FINAL EVALUATION WITH ONLINE TEACHING IS MODIFIED KEEPING ONLY TWO OF THE CATEGORIES, AS FOLLOWS:**

1. The delivery of a set of materials produced by the student during the preparation of the 7 practical exercises proposed from Blocks I and II of the syllabus (maps, graphs, databases and any other type), valued as a whole at 65% of the final score. To be able to pass the subject, you must obtain at least 4/10.

2. The delivery of a Final Project that will constitute to develop an adapted practical case of type GIS project, valued with 35% of the final qualification. Through the Moodle platform, students will be provided with a detailed outline of the steps to follow. The students will have to prepare a report that will include the mapping of the results obtained and a text with the justification of procedures, methodologies and tools used. The contribution of some further step in the analysis of this case will be evaluated to refine the conclusions. This work corresponds to Block III of the syllabus, considered as a compendium of the methods and techniques learned, and is obligatory, having to obtain at least a 4/10 point qualification as a prerequisite to pass the subject. The qualification of the Final Project can be saved in future calls of the same academic year, if the student so desires.

Students who need to use this type of assessment are encouraged to attend teachers' virtual tutorials on a regular basis.

<b>EVALUATION SYSTEM</b>	<b>PERCENTAGE (%)</b>
Documents / Own individual works (Blocks I and II: 7 practical activities).	65
Documents / Own individual works (Block III: Final Project).	35