

APPENDIX II

ADDENDUM MODEL TO THE TEACHING GUIDE FOR THE ADAPTATION TO A AND B LEARNING SCENARIOS FOR COURSE 2020-21

DOUBLE DEGREE IN ENVIRONMENTAL SCIENCES AND GEOLOGY			
Course: Statistics and Data Analysis			
Year course	1º	Semester	2º
SCENARIO A			
Syllabus Adaptation to online learning			
The syllabus contents do not change in online teaching.			
Adaptation of training activities and teaching methodologies			
Teaching activities	Online/face to face	Description of teaching methodology	
Theory classes sessions	Online	The bulk of the subject will be presented via Zoom videoconferencing, with support from Moodle, where students can find the slides used in class as well as complementary material to facilitate their understanding of the subject	
Practical problem solving sessions	Face to face	Resolution of exercises and doubts in the classroom.	
Computer practices sessions	Online	There will be ten computer sessions (2h each), via Zoom videoconferencing, covering different aspects of the subject. Handouts for each computer session will be at students' disposal in Moodle.	
Participation /Self-evaluation	Online	Active participation in forums and videoconferences as well as resolution of activities / tasks proposed throughout the course.	
Assessment sessions throughout the semester	Face to face	Evaluations and tests. Different evaluation tests will be carried out throughout the semester to allow the continuous monitoring of the student.	
Adjustment of evaluation systems			
CONTINUOUS ASSESSMENT			
Assesment activity	Method (in person/ online synchronous or asynchronous)	Description	Percentage (%)
2 exercise tests	Face to face	To be carried out throughout the semester in order to assess the skills acquired on the	30% + 30%

		theoretical content (ability to apply statistical techniques and interpret solutions).	
4 self-assessment questionnaires	Online asynchronous	At the end of each topic.	10%
2 computer practice tests	Face to face	It will evaluate the student's computer skills.	15% + 15%
SINGLE FINAL ASSESSMENT			
Final theory and exercise test	Face to face	To assess the skills acquired on the theoretical content (ability to apply statistical techniques and interpret solutions).	60%
Objective test	Face to face		10%
Computer practice test	Face to face	It will evaluate the student's computer skills.	30%
<p>Evaluation systems in the ordinary call II :</p> <ol style="list-style-type: none"> 1. The grade obtained in the activities in the classroom and online questionnaires (10% of the overall grade) is maintained. 2. Evaluation of the theoretical content-exercises. If it is passed in June, the grade is maintained and there is no need to repeat the exam. For those who do not pass it in June, they must complete the final exam of the total theoretical content of the subject, solving practical questions and exercises on the application of the statistical methods studied. It will be 60% of the qualification of the subject. To pass the exam it is mandatory that the grade is equal to or greater than 5 points. 3. Evaluation of the computer practices (30% weight on the final grade): A test will be held in the computer room, solving exercises only from the part that has not been overcome in June (Excel, Rcmdr or both). The practical part can be considered overcome as long as the qualification obtained in the exam is equal to or greater than 5 points. 			
SCENARIO B			
Syllabus adaptation to online learning			
The syllabus contents do not change in online teaching.			
Adaptation of training activities and teaching methodologies			
Teaching activities	Online/in person	Description of teaching methodology	
Theory classes sessions	Online	The bulk of the subject will be presented via Zoom videoconferencing, with support from Moodle where students can find the slides used in class as well as complementary material to facilitate their understanding of the subject.	
Practical problem solving sessions	Online	Resolution of exercises and doubts via Zoom videoconferencing.	
Computer practices sessions	Online	There will be ten computer sessions (2h each), via Zoom videoconferencing,	

		covering different aspects of the subject. Handouts for each computer session will be at students' disposal in Moodle.
Participation /Self-evaluation	Online	Active participation in forums and videoconferences as well as resolution of activities / tasks proposed throughout the course.
Assessment sessions throughout the semester	Online	Evaluations and tests. Different synchronous and/or asynchronous evaluation tests will be carried out throughout the semester to allow the continuous monitoring of the student.

Adjustment of evaluation systems

CONTINUOUS ASSESSMENT			
Assesment activity	Method (in person/ online synchronous or asynchronous	Description	Percentage (%)
2 Open answer written test (exercises to apply the statistical techniques studied)	Online/synchronous	To be carried out throughout the course in order to assess the skills acquired on the theoretical content (ability to apply statistical techniques and interpret solutions).	30% + 30%
4 self-evaluation objective test	Online/synchronous	At the end of each topic.	10%
2 Objective test (computer practice test type)	Online/synchronous	will evaluate the student's computer skills.	15% + 15%
SINGLE FINAL ASSESSMENT			
Open answer written test (exercises to apply the statistical techniques studied)	Online/synchronous	To assess the skills acquired on the theoretical content (ability to apply statistical techniques and interpret solutions).	60%
Objective test (test type)	Online/synchronous		10%
Objective test (computer practice test type)	Online/synchronous	It will evaluate the student's computer skills.	30%

Evaluation systems in the ordinary call II:

1. The grade obtained in the activities in the classroom and online questionnaires (10% of the overall grade) is maintained.
2. Evaluation of the theoretical content-exercises. If it is passed in June, the grade is maintained and there is no need to repeat the exam. For those who do not pass it in June, they must complete the final exam of the total theoretical content of the subject, solving practical questions and exercises on the application of the statistical methods studied. It will be 60% of the qualification of the subject. To pass the exam it is mandatory that the grade is equal to or greater than 5 points.

3. Evaluation of the computer practices (30% weight on the final grade): A test will be held solving exercises only from the part that has not been overcome in June (Excel, Rcmdr or both). The practical part can be considered overcome as long as the qualification obtained in the exam is equal to or greater than 5 points.