



Universitat de Lleida

DEGREE CURRICULUM

APPLIED STATISTICS FOR

ANIMAL SCIENCE

Coordination: PLA ARAGONES, LUIS MIGUEL

Academic year 2022-23

Subject's general information

Subject name	APPLIED STATISTICS FOR ANIMAL SCIENCE			
Code	100306			
Semester	2nd Q(SEMESTER) CONTINUED EVALUATION			
Typology	Degree	Course	Character	Modality
	Double bachelor's degree: Bachelor's Degree in Veterinary Medicine and Bachelor's Degree in Science and Production	1	COMMON/CORE	Attendance-based
Course number of credits (ECTS)	6			
Type of activity, credits, and groups	Activity type	PRAULA		TEORIA
	Number of credits	3		3
	Number of groups	2		1
Coordination	PLA ARAGONES, LUIS MIGUEL			
Department	MATHEMATICS			
Teaching load distribution between lectures and independent student work	Presential hours: 60 Virtual hours: 90			
Important information on data processing	Consult this link for more information.			
Language	Catalan: 80% Spanish: 10% English: 10%			
Distribution of credits	Theory 50% Practice 50%			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
ESTANY ILLA, JUAN	joan.estany@udl.cat	3	
PLA ARAGONES, LUIS MIGUEL	lluismiquel.pla@udl.cat	1,2	
SEGARRA BOFARULL, JOAN	joan.segarra@udl.cat	4,8	

Subject's extra information

It is necessary to develop a weekly job in this subject, reading the notes and doing the required exercises. There are many new concepts to learn and remember for posterior sessions. For this reason there is needed a continuous evaluation. On the virtual campus there is all the timing details of the subject and the dates for each scheduled activity.

Learning objectives

Knowledge objectives: the student overcoming the subject has to have learnt:

1. To study statistical description of data and the practical interpretation of results.
2. To know how to test hypothesis with a clear idea of concepts like null or alternative hypothesis, error type I and II, significance level, contrast statistic, critical value and p-value.
3. To introduce the analysis of variance and linear regression models.

Capacity objectives: the student overcoming the subject has to be able:

1. To know basic techniques used in livestock experiments and statistical methods used usually.
2. To introduce some software tool allowing them to solve problems by using statistical methods.