Curricular Unit Form

POLITÉCNICO DE PORTALEGRE

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Escola Superior Agrária de Elvas

Updated On	2024/02/07
Curricular Year / Period	2023/24 / S1
Course	Agronomy
Curricular Unit	Monogastric Production Techniques
Language(s) of Instruction	Português Inglês

ECTS/tempo de trabalho (horas)

ECTS	Total	Horas de contacto semestral								
		T	TP	PL	S	TC	E	O	OT	EC
6	160	32		32						

T - Theoretical; TP - Theoretical and practical; LP - Laboratory Practice; S - Seminar; TG - Tutorial guidance; FW - Fieldwork; T - Training; ; EC - Clinical teaching; O* - Other hours typified as Clinical Training under the Directive 77/453/EEC of June 27, adapted by Directive 2005/36/EC.

Teacher in charge (GDPR consent) [complete name, email]	Miguel Mardel Correia Parreira / miguel.parreira@ipportalegre.pt
Prerequisites [Curricular Units that must precede and specific entry competences]	Don't have
Learning outcomes [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	The general objectives are to provide students with the necessary theoretical and practical knowledge about the identification, potential and form of exploitation of the different animal species of monogastric animals of major national interest. The specific objectives are to critically analyze the concept of animal production in the species of monogastric species in order to apprehend the use of new technologies and thus to develop the creative capacity to implement new solutions in the management of monogastric livestock from the point of view zootechnical
Sustainable Developemnt Goals	
Syllabus	1 - Introduction to Animal Production Systems 2 - Animal Production of monogastric animal species in Portugal 3 - Pig production systems 3.1 - Races and indexes of zootechnical interest in pig farming 3.2 - Food and reproductive management 3.3 - Facilities and equipment 4 - Systems of production of birds in Portugal 4.1 - Types of birds, breeds and zootechnical fitness 4.2 - Production of broiler chickens and laying hens 4.3 - Facilities and equipment 5 - Rabbit production systems 5.1 - Breeds and abilities of zootechnical interest 5.2 - Food and reproductive management 5.3 - Facilities and equipment 6 - Aquaculture Production Systems 6.1 - Notions of anatomy and physiology of species in aquaculture 6.2 - Production cycles of saltwater species 6.3 - Production cycles of freshwater species
Teaching methodologies (including assessment) [Specify the types of assessment and the weights and evaluation criteria]	**1 - Teaching methodologies** The theoretical-practical classes will be based on the presentation and discussion of the contents of the program and on the interpretation of practical cases. The practical classes will be based on the monitoring of management interventions in farms and / or associated computer applications. The tutorial guidelines will be used to support the construction and analysis of the scientific work done by groups of 3 students in their working hours, which will be submitted to analysis and discussion by another group of students and by the teacher of the discipline.

	The assessment of knowledge will consist of two written tests (A and A ') and the preparation of B (work + presentation (50% + 50%)); The final result (RF) will be obtained by the formula: RF = 0.3 A + 0.3 A '+ 0.4 B. As an alternative to the interim evaluation model, the student can choose final exam (C) to be added to (B), with the final result (RF) obtained by 0.6 C + 0.4 B with C> = 9.5. Minimum mark in each A and A 'test of 7.5 values, where (A + A') / 2> = 9.5. Classification lower than 8.5 or missing one of the tests passes automatically for exam **2 - Period assessment** **3 - Examination assessement**
Bibliography	**1 - Main Bibliography** Afonso, F; Candeias,G.; Pratas,M. (2013). Raças Autoctones Portuguesas. Direção-Geral de Alimentação e Veterinária Carbó, Carlos Buxadé. (1995). Avicultura clasica y complementaria (Vol. V). Espana: Mundi-Prensa. Carbó, Carlos Buxadé. (1996). Producciones cunicula y avicolas alternativas (Vol .IX). Espana: Mundi-Prensa. Carbó, Carlos Buxadé. (1996). Porcinicultura intensiva y extensiva (Vol.VI). Espana: Mundi-Prensa. Portolano, N., (1991). Explotacion de Ganado Ovino y Caprino. Ediciones Mundi-Prensa Madrid **2 - Complementary Bibliography**
Special Situations [Students with special status]	**1 - Period assessment - Students with special status** **2 - Examination assessement - Students with special status**