


Updated On	2023/09/17																															
Curricular Year / Period	2023/24 / S1																															
Course	Equiniculture																															
Curricular Unit	Horse Welfare and Behaviour																															
Language(s) of Instruction	Português Inglês (apoio tutorial a alunos ERASMUS+)																															
ECTS/tempo de trabalho (horas)	<table border="1"> <thead> <tr> <th rowspan="2">ECTS</th> <th rowspan="2">Total</th> <th colspan="9">Horas de contacto semestral</th> </tr> <tr> <th>T</th> <th>TP</th> <th>PL</th> <th>S</th> <th>TC</th> <th>E</th> <th>O</th> <th>OT</th> <th>EC</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>160</td> <td>32</td> <td>0</td> <td>16</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>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.</p>	ECTS	Total	Horas de contacto semestral									T	TP	PL	S	TC	E	O	OT	EC	6	160	32	0	16	0	0	0	0	0	0
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		T	TP	PL	S	TC	E	O	OT	EC																						
6	160	32	0	16	0	0	0	0	0	0																						
Teacher in charge (GDPR consent) <small>[complete name, email]</small>	Rute Isabel Duarte Guedes Dos Santos / rutesantos@ippportalegre.pt																															
Prerequisites <small>[Curricular Units that must precede and specific entry competences]</small>	No																															
Learning outcomes <small>[Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]</small>	<p>The student must understand the physiological bases of equine behavior, how the horses interact with each other and with Man, aiming at the rational management and interaction with the horse in different situations, and the respect and preservation of animal health and welfare.</p> <p>Knowledge: Bases of the scientific study of animal behavior; anatomic and physiological foundations of equine behavior; equine perception, learning, and behavior modification; concepts of animal welfare applied to horse management.</p> <p>Skills and competencies:</p> <ul style="list-style-type: none"> - Understanding the implications of the perception mechanisms of horses in their handling and sports use; - Recognizing and interpreting the main behaviors observed in horses; - Applying welfare monitoring protocols in horses. 																															
Sustainable Development Goals																																
Syllabus	<p>A. Theoretical contents</p> <p>A1. Introduction to ethology</p> <p>A2. Neurological basis of behavior (perception; neuroanatomy and physiology of behavior)</p> <p>A3. Communication and learning</p> <p>A4. Social, locomotor, sexual, eating, elimination and comfort behavior</p> <p>A5. Practical implications of behavior in socializing, thinning and training the horse; Abnormal and stereotyped behaviors</p> <p>A6. Concept of animal welfare; Legislation and regulations affecting horses; Equine handling and transport; Welfare monitoring</p> <p>A7. Ethical aspects related to training; The FEI code of conduct</p> <p>B. Practical contents</p> <p>B1. Horse behavioral profile</p> <p>B2. Containment techniques and safety rules</p> <p>B3. Neurological and ophthalmological examination</p> <p>B4. Horse stress assessment</p> <p>B5. Emotivity / reactivity tests</p> <p>B6. Human reaction tests</p> <p>B7. Monitoring of pain and body condition</p> <p>B8. Application of scales for assessing animal comfort and welfare (Colorado and AWIN Protocol)</p>																															

<p>Teaching methodologies (including assessment)</p> <p>[Specify the types of assessment and the weights and evaluation criteria]</p>	<p>1 - Teaching methodologies</p> <p>Theoretical classes with presentation and discussion of concepts and practical classes dedicated to the application of those same concepts, namely, through techniques for assessing and monitoring the horse's behavior and well-being. Assessment through a written test to assess the theoretical content, an oral test accompanied by practical tasks, and an assessment report on animal welfare conditions and identification of risk situations on a farm.</p> <p>2 - Period assessment</p> <p>Theoretical evaluation: written test (70% of final grade); minimum grade: 10 out of 20 marks. Practical evaluation: practical/oral test (20% of final grade); minimum grade: 10 out of 20 marks. Assignment: case report (10% of final grade); minimum grade: 10 out of 20 marks.</p> <p>3 - Examination assessment</p> <p>Theoretical evaluation: written test (70% of final grade); minimum grade: 10 out of 20 marks. Practical evaluation: practical/oral test (20% of final grade); minimum grade: 10 out of 20 marks. Assignment: case report (10% of final grade); minimum grade: 10 out of 20 marks.</p>
<p>Bibliography</p>	<p>1 - Main Bibliography</p> <p>AWIN (2015). AWIN welfare assessment protocol for horses. http://dx.doi.org/10.13130/AWIN_HORSES_2015 FEI (2013). FEI Code of Conduct for the Welfare of the Horse. https://inside.fei.org/sites/default/files/Code_of_Conduct_Welfare_Horse_1Jan2013.pdf McGreevy, P.; Rose, R. (2004). Equine behaviour: a guide for veterinarians and equine scientists. Saunders -Elsevier Science Portaria n.º 634/2009, de 9 de junho. DR, 1ª série, nº 111. Welfare Monitoring System (2011). Assessment protocol for horses version 2.0. Wageningen UR Livestock Research. https://edepot.wur.nl/238619</p> <p>2 - Complementary Bibliography</p>
<p>Special Situations</p> <p>[Students with special status]</p>	<p>1 - Period assessment - Students with special status</p> <p>Theoretical evaluation: written test (70% of final grade); minimum grade: 10 out of 20 marks. Practical evaluation: practical/oral test (20% of final grade); minimum grade: 10 out of 20 marks. Assignment: case report (10% of final grade); minimum grade: 10 out of 20 marks.</p> <p>2 - Examination assessment - Students with special status</p> <p>Theoretical evaluation: written test (70% of final grade); minimum grade: 10 out of 20 marks. Practical evaluation: practical/oral test (20% of final grade); minimum grade: 10 out of 20 marks. Assignment: case report (10% of final grade); minimum grade: 10 out of 20 marks.</p>