

<b>Updated On</b>	2024/03/21																																
<b>Curricular Year / Period</b>	2023/24 / S1																																
<b>Course</b>	Veterinary Nursing																																
<b>Curricular Unit</b>	Nursing in Clinical Animal Zoos																																
<b>Language(s) of Instruction</b>	Português																																
<b>ECTS/tempo de trabalho (horas)</b>	<table border="1"> <thead> <tr> <th>ECTS</th><th>Total</th><th colspan="8">Horas de contacto semestral</th></tr> <tr> <th>3</th><th>80</th><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></td><td></td><td>0</td><td>32</td><td></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								3	80	T	TP	PL	S	TC	E	O	OT	EC			0	32		0	0	0	0	0	0
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		0	32		0	0	0	0	0	0																							
<b>Teacher in charge (GDPR consent)</b> [complete name, email]	Laura Hernández Hurtado / laura.hurtado@ipportalegre.pt																																
<b>Prerequisites</b> [Curricular Units that must precede and specific entry competences]																																	
<b>Learning outcomes</b> [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	<p>Provide scientific knowledge and technical methodologies, for a correct identification and understanding of the interrelationships of physiological structures and systems as well as, the understanding of diseases and managements that occur in animals in zoological parks, their classification, sequencing and relative meaning.</p> <p>-the systematic understanding of habitats and ecosystems in their interrelationships, namely in their underlying mechanisms;</p> <p>-Ability to critically analyze scientific literature in different areas of wildlife knowledge in captivity</p>																																
<b>Sustainable Development Goals</b>																																	
<b>Syllabus</b>	<p>General Topics and Conditions affecting multiple Species.</p> <p>West Nile Virus in Birds and Mammals.</p> <p>Diagnostic methods for tuberculosis in zoo animals.</p> <p>Disease detection behaviors in wild animals.</p> <p>Zoonotic diseases and wildlife.</p> <p>Behavior training for medical procedures.</p> <p>Disease management in invertebrate conservation programs.</p> <p>Rehabilitation centers and ecosystems.</p> <p>Fish Diseases in wild populations.</p> <p>Amphibians Management and most common diseases.</p> <p>Handling reptiles and most common diseases.</p> <p>Captive wild birds prevention and conservation. Common diseases.</p> <p>Rodent Mammals; Primates and Carnivores: Management and most common diseases.</p> <p>Marine mammals - Management and most common diseases.</p> <p>Camelids and Elephants: Management and most common diseases.</p>																																
<b>Teaching methodologies (including assessment)</b> [Specify the types of assessment and the weights and evaluation criteria]	<p><b>1 - Teaching methodologies</b></p> <p>Master classes supported by the Teacher's Manual. Demonstration of interrelationships in wildlife, support and conservation. Continuous participation of students in clarifying scientific conceptual doubts. Evidence as contained in the Evaluation methodology.</p> <p><b>2 - Period assessment</b></p> <p>Alternative 1: Continuous assessment. 3 study visits (60%) and preparation of a Monographic Work proposed by the teacher (40%)</p>																																

	<p>Alternative 2: Global exam (60%) and preparation of a Monographic Work proposed by the teacher (40%). A minimum mandatory visit</p> <p><b>3 - Examination assesement</b></p> <p>Global exam (60%) and preparation of a Monographic Work proposed by the teacher (40%). A minimum one mandatory visit</p>
<b>Bibliography</b>	<p><b>1 - Main Bibliography</b></p> <p>Murray E. Fowler, R. Eric Miller. (2007) Zoo and Wild Animal Medicine Current Therapy. 6th edition. ISBN: 978-1-4557-3547-1</p> <p>Cheeran, V.J., (2008) Textbook of wild and zoo animals. 2nd edition. International Book Distributing Co. ISBN: 81-8189-222-4</p> <p>Cubas, Z S; Silva, J C R; Catão, J L (2014) Wild animal treaty: Veterinary Medicine (2nd edition). São Paulo. Editora Roca Lda</p> <p>West, G D; Heard, D L; Caulkett, N (2014) Zoo Animal and Wildlife Immobilization and Anesthesia. (2nd edition) Oxford. John Wiley and Sons.</p> <p>Documents provided by the teacher</p> <p><b>2 - Complementary Bibliography</b></p>
<p><b>Special Situations</b></p> <p>[Students with special status]</p>	<p><b>1 - Period assessment - Students with special status</b></p> <p>Practices in a zoological park (minimum 10 days) (60%) + elaboration of a Monographic job proposed by the teacher (40%)</p> <p><b>2 - Examination assesement - Students with special status</b></p> <p>Global exam (60%) and preparation of a Monographic Work proposed by the teacher (40%). A minimum mandatory visit</p>