

Updated On	2023/09/26																																
Curricular Year / Period	2023/24 / S1																																
Course	Veterinary Nursing																																
Curricular Unit	Medical Pathology																																
Language(s) of Instruction	Português <																																
ECTS/tempo de trabalho (horas)	<table border="1"> <thead> <tr> <th>ECTS</th><th>Total</th><th colspan="8">Horas de contacto semestral</th></tr> <tr> <th>6</th><th>160</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>32</td><td>0</td><td>32</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								6	160	T	TP	PL	S	TC	E	O	OT	EC			32	0	32	0	0	0	0	0	0
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6	160	T	TP	PL	S	TC	E	O	OT	EC																							
		32	0	32	0	0	0	0	0	0																							
Teacher in charge (GDPR consent) [complete name, email]	Laura Hernández Hurtado / laura.hurtado@ipportalegre.pt																																
Teacher in charge (GDPR consent) [complete name, email]	Andreia Catarina Morgado Riscado / andreiariscado@ipportalegre.pt																																
Prerequisites [Curricular Units that must precede and specific entry competences]																																	
Learning outcomes [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	<p>Know the main processes of general pathology. Describe, quantify and classify general and basic lesions at the level of cells, tissues and organs. Understand and interpret the dynamic evolution of injuries. Explain the processes of modulation of pathogenic mechanisms of adaptation and reaction of lesions - Acquire concepts related to consultation and physical examination. Learn the methodology of semiotic exploration and apply it in the physical exam. Identify the main signs of physical change. Relate macroscopic and microscopic changes to the etiologic agents. Learn the basic techniques of necropsy and their importance in veterinary medicine. Collect, preserve and send biological material to the laboratory. Valuing the anatomopathological diagnosis as an important tool for the general diagnosis, providing knowledge about the organism's responsiveness about the pathogenicity of the etiologic agent and the mechanisms of injury</p>																																
Sustainable Development Goals	<div> <div>5 GENDER EQUALITY</div> <div>8 DECENT WORK AND ECONOMIC GROWTH</div> <div>11 SUSTAINABLE CITIES AND COMMUNITIES</div> <div>13 CLIMATE ACTION</div> <div>17 PARTNERSHIPS FOR THE GOALS</div> </div>																																
Syllabus	<p>Introduction to the subjects</p> <p>General pathology.</p> <p>General concepts.</p> <p>Reversible and irreversible cell injuries.</p> <p>Inflammation. Tissue repair.</p> <p>Circulatory changes.</p> <p>Shock.</p> <p>Clinical thermometry.</p> <p>Necropsy.</p> <p>Semiotic exploration methodology.</p> <p>Special pathology.</p> <p>Semiology and Pathology by systems.</p> <p>Digestive system.</p> <p>Respiratory system.</p> <p>Cardiovascular system and blood.</p> <p>Urinary system.</p>																																

	<p>Nervous system. Endocrine system</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-practical classes in which the concepts are introduced and the fundamentals of the topics to be discussed are explained with the desired level of detail, and practical laboratory classes in which the theoretical concepts are applied and demonstrated. Theoretical evaluation: 2 tests or exam (minimum 10 points) (60%).</p> <p>Continuous assessment and attendance: Presence in practical classes (20%) and participation in theoretical and practical classes (20%) Practical classes are mandatory and indispensable assistance to take advantage of the discipline (1 unexcused absence is allowed). Repeat students are exempt from practical classes. If you have more than one absence in practical classes; work and exhibition.</p> <p>2 - Period assessment</p> <p>Alternative 1:</p> <p>2 tests or exam (minimum 10 points) (60%).</p> <p>Continuous assessment and attendance in theoretical classes (15%)</p> <p>Presence in practical classes (only one unexcused absence) and exam (25%)</p> <p>3 - Examination assesement</p> <p>Alternative 2:</p> <p>75% Written test (without frequencies) 25% Practices. Continuous assessment and final oral exam.</p>
<p>Bibliography</p>	<p>1 - Main Bibliography</p> <p>Documentação fornecida pela docente em cada aula Zachary, J F; McGavin, M D (2013) Bases da patologia em veterinária. 5ª Edição. Brasil, Elsevier Pires, M A C; Travassos, F A; Gartner, M F (2004) Atlas de Patologia Veterinária: Biopatologia. Lisboa, Lidel Edições Técnicas Lda Bassett, JM; Thomas, JA (2015) Clinical Textbook for Veterinary Technicians, 8ª edição, Elsevier Robinson, W.F; Huxtable, C.R.R (1996) Principios de clinopatología médica veterinária. Madrid, Editorial Adribia SA Liégeois, F. (1967) Tratado de Patologia Medica de los Animales Domesticos. Argentina, Eudeba - Editorial Universitária de Buenos Aires Peleteiro, C; Silva, J ; Guerra, D (2016) Manual de necropsia veterinária. Lisboa, Lidel</p> <p>2 - Complementary Bibliography</p> <p>Brooks, H (2010) General Pathology for veterinary nurses</p>
<p>Special Situations</p> <p>[Students with special status]</p>	<p>1 - Period assessment - Students with special status</p> <p>You can have alternative 1 if you attend the theoretical classes. Exempt from practical classes.</p> <p>REPEAT STUDENTS and Worker ALTERNATIVE 1 Frequencies (80%) Works, clinical cases, participation ALTERNATIVE 2 Written test (without frequencies) (100%)</p>

	2 - Examination assesement - Students with special status
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