

<b>Updated On</b>	2024/02/05																																
<b>Curricular Year / Period</b>	2023/24 / S1																																
<b>Course</b>	Veterinary Nursing																																
<b>Curricular Unit</b>	Parasitology and Parasitic Diseases																																
<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>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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<b>Teacher in charge (GDPR consent)</b> [complete name, email]	Luisa Dotti Silva Pereira / luisadsp@ipportalegre.pt																																
<b>Teacher in charge (GDPR consent)</b> [complete name, email]	Jacinto José Carneiro Gomes / jacinto.gomes@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>The objectives of the CU aim to provide students, through theoretical and practical study, knowledge about morphological, biological, epidemiological characteristics of the main Helminthes, Protozoa and Arthropods, with greater importance in veterinary medicine in Portugal. The student should be able to know the parasites and the mechanisms of interactions between these and other agents, the hosts and the environment. Correctly describe evolutionary cycles, transmission mechanisms, etiopathogenesis, epidemiology, symptomatology, identification/diagnosis and control techniques (therapy and prophylaxis), of the most prevalent parasites and parasitosis in domestic, wild, aquatic animals and their implications for animal health, public health and animal production. Develop competencies for the execution of laboratory techniques for parasitological identification and diagnosis and interpretation of the results obtained.</p>																																
<b>Sustainable Development Goals</b>	<div> <div>4 QUALITY EDUCATION</div> <div>5 GENDER EQUALITY</div> <div>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</div> <div>15 LIFE ON LAND</div> <div>17 PARTNERSHIPS FOR THE GOALS</div> </div>																																
<b>Syllabus</b>	<p>Parasite and parasitism; parasite-host relationships; location of parasites, routes of entry, dissemination and exit of parasites; actions of the parasites on the hosts. Study of morphology, biological cycles and epidemiological aspects of parasite species belonging to the Filos Nematelminthes (Nematoda Class), Plathelminthes (Class Cestoda and Trematoda), Protozoa (Sarcocystidophora and Sporozoa) and Arthropoda (Insecta and Arachnida), with greater importance in domestic and wild animals in Portugal. Learning of etiopathogenesis, symptomatology and lesions, diagnosis, control and treatment of parasitic diseases most relevant to animal and public health. Techniques of harvesting, packaging, manipulation of samples and morphological identification of parasitic forms in feces, blood, wool and skin, of the different host species. Diagnostic techniques: coprological, dermatological, hematological, serological, histopathological and parasitic necropsy tests.</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>The theoretical classes are plenary sessions that value the transmission of knowledge and interpretation of experimental results. Besides the oral presentation, it is intended through questioning, to control the acquisition of knowledge by students.</p>																																

	<p>The practicals allow the students to participate actively in the preparation and implementation of activities, in the application of protocols, in the discussion of results and in the elaboration of reports. At the same time, small research projects are proposed, promoting student intellectual autonomy and teamwork. The results are presented at the end of the semester or published in conference minutes.</p> <p><b>2 - Period assessment</b></p> <p><b>3 - Examination assesement</b></p> <p>-</p>
<p><b>Bibliography</b></p>	<p><b>1 - Main Bibliography</b></p> <p>Bassert Joanna M. (2014) McCurnin's : Clinical Textbook for Veterinary Technicians Missouri : Elsevier.</p> <p>British Pharmacopoeia (Veterinary). (2011) The . Department of Health Reino Unido. Farmacologia y Terapeutica Veterinaria.(1988) N.H.Booth Zaragoza : Editorial Acribia S.A. (Vol I).</p> <p>Felsted Karen E. Veterinary Practice Management In: Clinical Textbook for Veterinary Technicians. 8ª Ed. Missouri p. 37-79. - ISBN 978-1-4377-2680-0Foreyt,</p> <p>William J. (2001) Veterinary Parasitology. Usa: Iowa State University Press.</p> <p>Hendrix Charles M. Internal parasites Laboratory procedures for veterinary technicians ISBN 0-323-01396-1. - cap.6 pp.257-322</p> <p>Newcomer, S.L.R.; Hendrix, C. M. (2014). Parasitology. In: Clinical Textbook for Veterinary Technicians. - 8ª Ed. - Missouri, 2014. p. 438-481. - ISBN 978-1-4377-2680-0Orpet</p> <p>Hilary. (2011). Handbook of Veterinary Nursing Reino Unido.William J.F. /2001). Veterinary parasitology: Reference Manual. Iowa .State University Press USA.</p> <p><b>2 - Complementary Bibliography</b></p> <p>Bowman,D.D. (2013). Georgis' Parasitology for Veterinarians. 10th ed. W.B. Saunders Co., Philadelphia</p> <p>Gállego Berenguer, J. (1998). Manual de Parasitologia. 1ª ed. Ediciones Universitat de Barcelona.</p> <p>Kauffmann, J. (1996). Parasitic Infections of Domestic Animals.</p> <p>Urquhart, G.M., ET AL.. (1996). Veterinary Parasitology. 2nd Edition. Blackwell Science Ltd, Oxford, UK</p>
<p><b>Special Situations</b> [Students with special status]</p>	<p><b>1 - Period assessment - Students with special status</b></p> <p><b>2 - Examination assesement - Students with special status</b></p> <p>The rules in force in the ESAE internal rules apply to students under the special status (for example, student-worker status).</p> <p>The exam evaluates the theoretical-practical component of the UC, with questions of development and multiple choice with weighting of 15 values, and the practical component, with weighting 5 values.</p> <p>Students with worker-student status, who do not participate in the practical classes, to obtain approval from the UC, must perform a practical evaluation at the end of the semester, and obtain a quotation &gt; 9.5 values (weighting 20%).</p>