

<b>Updated On</b>	2024/02/07										
<b>Curricular Year / Period</b>	2023/24 / S1										
<b>Course</b>	Agronomy										
<b>Curricular Unit</b>	Ruminant Production Techniques										
<b>Language(s) of Instruction</b>	Português Inglês										
<b>ECTS/tempo de trabalho (horas)</b>	<b>ECTS</b>	<b>Total</b>	<b>Horas de contacto semestral</b>								
	<b>6</b>	<b>160</b>	<b>T</b>	<b>TP</b>	<b>PL</b>	<b>S</b>	<b>TC</b>	<b>E</b>	<b>O</b>	<b>OT</b>	<b>EC</b>
			<b>0</b>	<b>64</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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.											
<b>Teacher in charge (GDPR consent)</b> <small>[complete name, email]</small>	Luís Alcino Pinto Monteiro Da Conceição / luis_conceicao@ipportalegre.pt										
<b>Prerequisites</b> <small>[Curricular Units that must precede and specific entry competences]</small>	Mandatory use of PPE (worksuit, boots and gloves) in practical classes										
<b>Learning outcomes</b> <small>[Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]</small>	To provide the theoretical and practical knowledge necessary for students about the identification, skills and production methods of the different livestock species of ruminant animals of greatest national interest.										
<b>Sustainable Development Goals</b>											
<b>Syllabus</b>	<p>I. Animal Production Systems and Modes in ruminant animal species</p> <p>1.1 Edaphic climate framework to production systems and modes</p> <p>1.2 Main production capabilities in ruminants.</p> <p>1.3. Production statistics</p> <p>1.4. Analysis indices</p> <p>1.5. exognosy</p> <p>1.6. Animal registration and identification</p> <p>1.7. Behavior and animal welfare in ruminant animal species</p> <p>II Cattle Production Systems</p> <p>2.1 Cattle of dairy aptitude</p> <p>2.1.1 Races and indices</p> <p>2.1.2 Feeding and reproductive management</p> <p>2.1.3 Lactation Curve</p> <p>2.2 - Beef cattle</p> <p>2.2.1 Autochthonous and exotic breeds</p> <p>2.2.2 Feeding and reproductive management</p> <p>III. Sheep and Goat Production Systems</p> <p>3.1 Dairy aptitude sheep</p> <p>3.1.1 National and exotic breeds</p> <p>3.1.2 Feeding and reproductive management</p> <p>3.1.3 - Lactation curve</p> <p>3.2 Meat aptitude sheep</p> <p>3.2.1 National and exotic breeds</p> <p>3.2.2 Feeding and reproductive management</p> <p>3.3 Goats of dairy fitness</p> <p>3.3.1 National and exotic breeds</p> <p>3.3.2 - Feeding and reproductive management</p>										

	<p>3.3.3 - Lactation curve 3.4 - Meat goats 3.4.1 National and exotic breeds 3.4.2 - Feeding and reproductive management</p>
<p><b>Teaching methodologies (including assessment)</b> [Specify the types of assessment and the weights and evaluation criteria]</p>	<p><b>1 - Teaching methodologies</b> Theoretical and practical classes and laboratory practices</p> <p><b>2 - Period assessment</b></p> <p><b>3 - Examination assesement</b></p>
<p><b>Bibliography</b></p>	<p><b>1 - Main Bibliography</b> Afonso, F; Candeias,G.; Pratas,M. (2013). Raças Autoctones Portuguesas. Direção-Geral de Alimentação e Veterinária Carbo, C. B. (1996). Produccion vacuna de leche y carne. Ediciones Mundi-Prensa, Madrid. Herranz Herranz, A.; López Colmenarejo, J. (2003). Bienestar Animal. Espana. Editorial Agrícola S.A Portolano, N., (1991). Explotacion de Ganado Ovino y Caprino. Ediciones Mundi-Prensa Madrid.</p> <p><b>2 - Complementary Bibliography</b> Teacher's notes</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>