


2.00 credits

0 h + 22.5 h

Q2

Teacher(s)	Knoops Bernard ;Page Melissa ;Rees Jean-François ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Learning outcomes	
Evaluation methods	Writing a report integrating the three components of the activity.
Teaching methods	Practical work supervised by the assistants.
Content	<p>The practical work is divided into three parts:</p> <p>HISTOLOGY Making histological sections from paraffin-embedded organs (liver, heart, muscle cross-section and muscle sectioned longitudinally) Staining of sections by PAS staining (glycogen detection)</p> <p>BIOCHEMISTRY Determination of glycogen in the liver and skeletal muscle by colorimetric technique</p> <p>PHYSIOLOGY Effect of stimulation frequency on muscle contraction Effect of intensity of stimulation on muscle contraction Effect of a pharmacological agent on muscle contraction</p>
Inline resources	https://moodleucl.uclouvain.be/course/view.php?id=7626
Bibliography	<ul style="list-style-type: none"> • Syllabus avec les instructions pour les travaux pratiques Les références recommandées sont spécifiées dans le syllabus
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Veterinary Medicine	VETE1BA	2	LBIO1111 AND LCHM1271V AND LCHM1371V AND LVETE1296 AND LBIO1234	
Additional module in Biology	APPBIOL	2		