



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 | The practical work is divided into three parts: 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) BIOCHEMISTRY Determination of glycogen in the liver and skeletal muscle by colorimetric technique PHYSIOLOGY Effect of stimulation frequency on muscle contraction Effect of intensity of stimulation on muscle contraction Effect of a pharmacological agent on muscle contraction |
| 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 | LBIO1234 |  |
| Additional module in Biology | APPBIOL | 2 | |  |