



4.00 credits

20.0 h + 20.0 h

Q1

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| Teacher(s) | G rard Anne-Catherine (compensates Knoops Bernard) ;Knoops Bernard ; |
| Language : | French |
| Place of the course | Louvain-la-Neuve |
| Prerequisites | To follow this course, it is necessary to master the knowledge and skills developed in the courses LBIO1111 and LBIO1112 |
| Learning outcomes | |
| Evaluation methods | Oral examination with written preparation or written examination only. The questions will concern the material seen during the course ex cathedra but also during the practical work. |
| Teaching methods | Ex cathedra course and practical work (observations under the microscope). |
| Content | During this course, we will establish the bases of the histological and functional study of the main tissues of mammals. The theoretical concepts taught during the lecture will be followed by practical sessions during which students will examine and describe histological sections as well as images of electron microscopy. Histological and functional study of: covering epithelia and glandular epithelia; non-specialized connective tissue and specialized connective tissue including adipose, cartilage and bone tissue; blood cells and lymphoid organs; skeletal muscle, heart muscle and smooth muscle; central nervous system and peripheral nervous system. |
| Inline resources | https://moodleucl.uclouvain.be/course/view.php?id=12846 |
| Bibliography | Powerpoints du cours disponibles sur Moodle UCL. Ouvrage de r f rence: Atlas d'Histologie Fonctionnelle de Wheater (Editions de Boeck). Syllabus et diapositives des travaux pratiques disponibles sur Moodle (https://moodleucl.uclouvain.be/course/view.php?id=12846). |
| Other infos | A number of reference books are available in the library. |
| Faculty or entity in charge | BIOL |

Programmes containing this learning unit (UE)

| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
|--|---------|---------|--------------|---|
| Bachelor in Veterinary Medicine | VETE1BA | 4 | |  |
| Bachelor in Biology, Anthropology and Archaeology | BABA1BA | 2 | |  |