

HISTOLOGY II

Study Programme: MIMV Curricular Year: 1st Semester: 2st Compulsory Credits: 4,5 ECTS

Lecturers: Fernando Garcia e Costa (CCP and R), Mário António Soares de Pinho (R)

1. Contact hours:

Lectures - 28 hours. Practicals – 28 hours. Total: 56 hours

2. Objectives:

Theoretical and practical learning of the microscopic structure of organs and systems of domestic animals body, relating this knowledge with their functions.

3. Programme:

Study of the histology and histophysiology of the main systems of domestic animals body: circulatory system, skin and mammary gland, digestive system (gastrointestinal tract, liver, gallbladder and pancreas); respiratory system; urinary system; endocrine organs and male and female reproductive systems.

4. Bibliography:

Junqueira, L. C. & Carneiro, J. (2013). *Histologia Básica*, 12^a Ed., Guanabara Koogan.
Dellmann, H.D. & Eurell, J. A. (1998). *Textbook of Veterinary Histology*, 5th. Ed. Philadelphia: Lippincott Williams & Wilkins, 1998.
Young, B. & Heath, J. W. (2000). *Functional Histology*, 3th. ed., Churchill Livingstone, Edinburgh.
Garcia e Costa, F., Ferreira da Silva, José, Silva, Lília e Pinho, Mário. *Guia ilustrado para as aulas práticas de Histologia II*.

5. Assessment:

Students are assessed in a final examination, at the end of the semester, that includes a laboratory work (diagnosis of histological sections) and a theoretical test. The final mark is the result of the weighed average of the laboratory mark (40%) and theoretical test (60%).