



Rodent anatomy

ECTS: 1.00

SUBJECT MATTER CONTENT

LECTURE

The general anatomy and characteristics and interspecies differences in the anatomy of the locomotor system, urinary, reproductive, circulatory, digestive and nervous system of rodents. Important clinical aspects of the rodents anatomy.

CLASSES

The knowledge obtained during lectures is verified in a practical way during preparation classes - based on animal bodies and anatomical specimens.

TEACHING OBJECTIVE

The aim of the education is teaching about the anatomy of the movement - , respiratory-, circulation-, digestive- and urogenital apparatus of the rat, rabbit and guinea pig.

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

Symbols for outcomes related to the discipline:

R/WA_P7S+++

Symbols for outcomes related to the field of study:

A.W3. +, A.U6. +, K.1.+, A.U13. +, A.W2. +, A.W20. +, K.3.+,
A.U12. +, K.2.+, A.W1. +, K.8.+

LEARNING OUTCOMES:

Knowledge:

W1 – Student knows the specific features of the anatomy and physiology of locomotor, digestive, respiratory, circulatory, urogenital and nervous systems of rabbit, rat and guinea pig.

Skills:

U1 – Student is able to describe characteristic features of the anatomy and physiology of rat, rabbit and guinea pig.

Social competence:

K1 – Student is aware of the importance of knowledge of issues in the field of clinical anatomy for veterinarians and for further study of issues in the field of clinical sciences. Is responsible for decisions made towards people and animals.

TEACHING FORMS AND METHODS:

Lecture(W1;U1;K1;):Lecture with multimedial presentation.

Legal acts specifying learning outcomes:
682/2020
Disciplines: Veterinary science
Status of the course:Fakultatywny
Group of courses:B - przedmioty kierunkowe
Code: ISCED 0841
Field of study:Veterinary Medicine
Scope of education:
Profile of education: General academic
Form of studies: full-time
Level of studies: uniform master's studies
Year/semester: 3/5

Types of classes: Lecture, Classes
Number of hours in semester:Lecture: 5.00, Classes: 10.00
Language of instruction:Polish
Introductory subject: Animal anatomy I, Animal anatomy II
Prerequisites: Passed exams of Animal anatomy I and Animal anatomy II

Name of the organisational unit conducting the course:Katedra Anatomii Zwierząt
Person responsible for the realization of the course:dr hab. wet. Waldemar Sienkiewicz, prof. UWM
e-mail:
waldemar.sienkiewicz@uwm.edu.pl

Additional remarks: Classes should be performed in small groups, not larger than 10 students.

Classes(W1;U1;K1):.Practical classes using animal cadavers and anatomical specimens.

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Colloquium test) - At the end of course the written colloquium will take place. The grade of the colloquium will be determined by averaging the grades obtained on particular questions. Rules for rounding grades: the average $\geq 4,76$: excellent (5,0); the average 4,26 – 4,75: very good (4,5); the average: 3,76 – 4,25: good (4,0); the average 3,26 – 3,75: satisfactory (3,5); the average $\leq 3,25$: sufficient (3,0). Student who fails colloquium may retake it only twice. -

Classes (Colloquium test) - The verification of the achievement of learning outcomes with respect to these classes is carried out in the framework of described above colloquium. -

BASIC LITERATURE:

1. Hebel R., Stromberg M.W., *Anatomy of laboratory rat.*, Wyd. Williams Wilkins, R. 1967
2. Warren F. Walker, Dominique G. Homberger, *Anatomy and Dissection of the Rat.*, Wyd. Wydawnictwo W. H. Freeman, R. 1997
3. Wingerd B.D., *Rabbit anatomy and dissection guide.*, Wyd. Wydawnictwo Bluedoor, LLC,, R. 2007
4. Hebel R., Stromberg M.W., *Anatomy and embryology of the laboratory rat.*, Wyd. Wydawnictwo BioMed Verlag, R. 1986
5. Suckow M.A., Stevens K.A., Wilson R.P., *The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents*, Wyd. Wydawnictwo Elsevier, R. 2012

SUPPLEMENTARY LITERATURE:

1. McCracken T.O., Kainer R.A., *Atlas anatomii małych zwierząt.*, Wyd. Wydawnictwo Elsevier, R. 2008
2. Popesko P., *Atlas anatomii topograficznej zwierząt domowych.*, Wyd. PWRiL, R. 2008

