

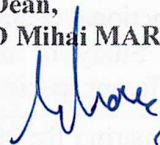
University of Life Sciences "Ion Ionescu de la Brad" Iasi

Faculty: Veterinary Medicine

Specialty: Veterinary Medicine

Department: Public Health

Approved,
Dean,
Prof. PhD Mihai MAREȘ



SYLABUS OF THE COURSE

1. Identification data of the course

1.1 Higher education institution	University of Agricultural Sciences and Veterinary Medicine, Iasi
1.2 Faculty	Veterinary Medicine
1.3 Department	Public health
1.4 Field	Veterinary Medicine
1.5 Cycle of studies	Bachelor and Master (unitary study programme)
1.6 Studies programme	Veterinary Medicine

2. Information regarding the course

2.1 Name	Anatomy							
2.2 Lecture coordinator	Associate professor, Mihaela Claudia Spataru, PhD							
2.3 Practical activities coordinator	Associate professor, Mihaela Claudia Spataru PhD							
2.4 Year of study	II	2.5 Semester	III	2.6 Evaluation type	sumative	2.7 Course status	Content	FD
							compulsory	CD

3. Structure of the course (hours/semester of didactic activities)

3.1 Number of hours/week	4	from which: 3.2 lecture	2	3.3 seminar/practical work	2
3.4 Total number of hours in curricula	56	from which: 3.5 lecture	28	3.6 seminar/practical work	28
Time distribution					hours
Study by manual, bibliography and lecture notes					26
Additional study in library, specialty electronic sources and on the field activities					10
Preparing for laboratory activities, homework, projects, portofolios and essays					10
Tutoring					2
Examinations					3
Other activities					5
3.7 Total hours of individual study	56				
3.9 Total hours/semester	112				
3.10 Number of credits	4				

4. Pre-requisites

4.1 curriculum	• Anatomy of the first year of study, Cell biology,
4.2 competencies	• Knowing the apparata and systems of the body

5. Conditions

5.1. for conducting the lectures	The use of mobile phones is strictly forbidden; Getting late, leaving the lecture or skipping classes is forbidden.
5.2. for conducting the practical activities	The students should wear protective uniforms; the experiments will be conducted under the direct supervision of the laboratory responsible; all samples will be

	collected/interpreted under the direct supervision of the laboratory responsible.
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6. Acquired specific competences

Professional competencies	<p>- identifying of the circulatory and nervous system structures and the distribution of the branches (arteries, veins, lymph vessels or nerves) in direct relation with the morpho-functional peculiarities of the other systems of the body.</p> <p>Study of morphological structures of the body parts, in successive layers and different species.</p>
Cross competencies	Preparing the students for surgery and clinical work through their direct involvement in dissection, recognition and comparison the morphological structures of the species studies.

7. Obiectivele disciplinei (reieşind din grila competenţelor specifice acumulate)

7.1 General objective of the course	<p>Cognitive: accurate knowledge of the distribution of blood vessels and nerves and understanding the principles of distribution in domestic mammals</p> <p>affective- value: the student learns to coordinate and control their work or the work of other team members,</p>
7.2 Specific objectives	- preparing the students for surgery and medical maneuvers

8. Content

8.1 Lectures	Teaching methods	No. of hours
Heart	Power Point presentation, oral presentation	4
Arteries of the thoracic cavity		2
Arteries of the head		4
Arteries of the forelegs		2
Arteries of the abdomen and hindlegs		2
Central nervous system		4
Nerves of the head		4
Nerves of the legs and trunk		4
TOTAL HOURS - Lectures		28

Bibliography

- Constantinescu, Gh.M. (2018) Illustrated veterinary Anatomical Nomenclature, 4th Edition, Georg Thieme Verlag, ISBN 978-3-13-242517-0
- Coţofan, V. et al (2003) Anatomia animalelor domestice, vol 2, Ed. Orizonturi Universitare Timișoara, ISBN978-973-638-325-0
- Dyce KM, Sack WO, Wensing CJ. (2008) The head and ventral neck of the horse. Textbook of Veterinary Anatomy. Philadelphia: WB Saunders; 2002:479-509
- König, H.E.& Liebich, H-G (2004) Veterinary Anatomy of Domestic Mammals, Textbook and Colour Atlas, ISBN 3-7945-2101-3
- Lecture notes according to subject syllabus

8.2 Seminar / Laboratory/Practical work	Teaching methods	No. of hours
The morphology of the heart.	dissection on the corpses of slaughtered animals presentation on frozen or conserved pieces prepared in advance	2
The arteries of the head, neck, trunk and limbs in horses		10
Central Nervous System		2
Nerves of the head, neck, trunk and limbs in horses		10

The specific place for anesthesia of nerves and approach of the main veins, arteries, lymph nodes and organs.		4
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TOTAL HOURS - Laboratory activities 28

Bibliography

1. Dyce KM, Sack WO, Wensing CJ. (2008) The head and ventral neck of the horse. Textbook of Veterinary Anatomy. Philadelphia: WB Saunders; 2002:479-509
2. König, H.E.& Liebich, H-G (2004) Veterinary Anatomy of Domestic Mammals, Textbook and Colour Atlas, ISBN 3-7945-2101-3
3. Laboratory notes

9. Corroborating the contents of the discipline with the expectations of community representatives, professional associations and representative employers in the field of the program

- In order to improve the content and the choice of teaching / learning methods, the discipline holders participated in European vocational training programs (POSDRU), have met with members of the professional communities in Romania, as well as with other teachers in the field, representatives of other higher education institutions in the country and the European Union (Erasmus mobility). The meetings aimed at identifying the needs and expectations of employers in the field and coordinating curricula with other similar programs within other higher education institutions in Europe.

10. Evaluation

Activity type	Evaluation criteria	Evaluation methods	% from final mark
10.1 Lecture	- recognition and comparison the morphological structures of the organism studies.	Written exam	60
10.2 Seminar /laboratory activities	Laboratory attendance, laboratory activity	Continuous evaluation	10
	Practical exam	Practical exam	30

11. Minimal standard of performance

Minimum requirements (for 5): Knowing the principal arteries, veins and nerves of the organism The recognize the arteries, nerves, topography of the internal organs	Maximum requirements (for 10): Knowing the area of distribution of the arterial three, brain, spinal cord and the peripheral nerves. Knowing the places for anesthesia of the nerves and the approaching the veins, lymph nodes and the projection of the organs.
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Date

9.09. 2021

Signature of course coordinator,
Assoc. Prof. PhD Mihaela Claudia SPATARU



Signature of practical coordinator,
Assoc. Prof. PhD Mihaela Claudia SPATARU



Approved in Department

14.09.2021

Signature of Department Director,
Assoc. Prof. PhD Viorel FLORISTEAN



Approved by Faculty Council on 17.09.2021