

# Syllabus

Module title:	Equine Surgery	ECTS	4
Polish translation:	Chirurgia Koni		
Course:	Veterinary Medicine		

Module language: English		Stage: JM-FVM	
Form of studies: <input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Type of module: <input type="checkbox"/> basic <input checked="" type="checkbox"/> directional	<input checked="" type="checkbox"/> mandatory <input type="checkbox"/> elective	Semester: 8 <input type="checkbox"/> winter semester <input checked="" type="checkbox"/> summer semester
Academic year: 2023/2024		Catalogue number:	FVM-V-JMSS-08S-D16/2_23

Module coordinator:	dr hab. Bernard Turek, prof. SGGW		
Teachers responsible for the module:	Academic teachers of the Institute Of Veterinary Medicine; Department of Large Animal Diseases and Clinic; PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study		
Unit responsible for the module:	Faculty of Veterinary Medicine, University of Live Science, Department of Large Animals Diseases with Clinic, Sub-Department of Large Animals Surgery		
Faculty in charge:	Veterinary Medicine		
Objectives of the module:	The aim of education is to provide knowledge on the etiology and pathogenesis of equine diseases requiring surgical treatment, clinical method of putting the surgical patients the initial diagnosis and treatments.		
Teaching forms, number of hours:	a) Lectures; hours 15 b) Clinical laboratories; hours 45		
Teaching methods:	Exercises conducted directly by the patients of the Clinic. Laboratory exercises on the cadavers (limbs and heads of the horses). Multimedia presentations.		
Formal prerequisites and initial requirements:	Animal Anatomy, Histology and Embryology, Animal Physiology, Immunology, Pharmacology, General surgery and anesthesiology		
Learning outcomes:	<p>Knowledge:</p> <p>1- mastering the knowledge of the etiopathogenesis, diagnosis and treatment of equine diseases that require surgical treatment</p>	<p>Skills:</p> <p>1-mastering the principles of the castration of stallions 2- mastering the principles of conduct with wound 3-students are able to make an prescription of the radiological picture and 4. Properly use the surgical instruments 5. To treat the wounds 6- Prepare the clinical documentation of the patient</p>	<p>Competences:</p> <p>1-Execute anamnesis with the aim of gathering detailed information about single animal, stud and their environment. 2- To learn the handling of the horse 3 – execute clinical examination, use appropriate instruments and utensils</p>
Assessment methods:	Oral/written tests from classes. Lectures- oral/written exam and practical exam.		
Formal documentation of learning outcomes:	Written tests, student's assessment sheets, exam questions with results- stored and available for assessment of program realization level.		
Elements impelling final grade:	Classes- written tests 100%. Lectures- theoretical exam - 100%.		
Teaching base:	The didactic part of the classes and workshops will be conducted in ambulatory of the Department of Large Animal Diseases with Clinic in Wolica, Warsaw University of Life Sciences. The rooms are equipped with interactive multi-media equipment and laboratory equipment. Practical courses in are conducted in the Equine Clinic (Campus Wolica).		
Mandatory and supportive materials :	<ol style="list-style-type: none"> <li>1. Auer J.A., Stiuk J.A: Equine surgery. Elsevier Saunders, 4th editio, 2012</li> <li>2. Muir W.W., Hubbell J.A.E.: Equine anesthesia, monitoring and emergency therapy. Elsevier, 2<sup>nd</sup> edition, 2009.</li> <li>3. Ross M.W., Dyson S.J.: Diagnosis and management of lameness of the horse, Elsevier Saunders, 1<sup>st</sup> edition, 2003.</li> <li>4. Stashak T.S.: Adams lameness in horses. Lea and Febiger, 1987.</li> </ol>		
ANNOTATIONS			

Quantitative summary of the module:

Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of the module - base for quantifying ECTS:	<b>75 h</b>
Total ECTS points, accumulated by students during contact learning:	<b>3 ECTS</b>

Learning outcomes of the module relative to the learning outcomes of the subject:

Outcome category	Learning outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes
Knowledge -	1- mastering the knowledge of the etiopathogenesis, diagnosis and treatment of equine diseases that require surgical treatment	B.W.3, B.W.5	2
Knowledge -	1-mastering the principles of the castration of stallions	B.W.11, B.W.12, B.W.13, B.W.14	3
Skills -	2- mastering the principles of conduct with wound	B.U.10, B.U.13, B.U.19, B.U.21	3
Skills -	3-students are able to make an prescription of the radiological picture	B.U.2, B.U.20, B.U.21	2
Skills -	4. Properly use the surgical instruments	B.U.2, B.U.20, B.U.21	1
Skills -	5. To treat the wounds	B.U.10, B.U.13, B.U.19, B.U.21	3
Skills -	6- Prepare the clinical documentation of the patient	A.U.20, B.W.2, B.W.20, B.W.21	2
Competences -	1-Execute anamnesis with the aim of gathering detailed information about single animal, stud and their environment.	K.S.1, K.S.2, K.S.4, K.S.5	2
Competences -	2- To learn the handling of the horse	K.S.5	1
Competences -	3 – execute clinical examination, use appropriate instruments and utensils	K.S.1, K.S.2, K.S.4, K.S.5	2