Code of subject	M_WE_ SEM11 PW K1/K2 BUJATR
Field of study	Veterinary medicine
Name of the training module including the Polish name	Current problems of modern buiatry
	Aktualne problemy współczesnej bujatrii
Language of instruction	English
Type of the training module	elective
Level of the training module	Master level
Form of studies	Stationary
Location in the programme (year)	6
Location in the programme (semester)	11
Number of ECTS credits with a division into contact/noncontact	1 (0,6/0,4)
Name and surname of the person in charge	Prof. dr hab. Lutnicki Krzysztof
Unit offering the subject	Department and Clinic of Animal Internal Diseases, Subdepartment of Internal Diseases of Farm Animal and Equine
Aim of the module	To introduce the specificity of diagnostics and therapy of subclinical and atypical non-infectious and deficiency diseases occurring in modern large-scale/ large herd cattle breeding resulting from herd management errors and to acquire practical skills for their recognition, prevention and treatment in a herd.
Learning outcomes	Knowledge:
	K1 Student knows the most common diseases of dairy and beef cattle in large-scale/ large herd farming.
	K2 Knows the principles of nutrition in selected diseases of cattle.
	K3 The student has knowledge of the specific aetiopathogenesis, diagnosis, treatment and prevention of diseases occurring in livestock farming, including those with a subclinical course.
	Skills:
	S1 is able to carry out the history and clinical examination of the herd and interpret the results of laboratory and ancillary tests in large-scale cattle farming.
	S2 is able to apply dietary nutrition to specific disease entities occurring during the transition period.
	Social competences:
	C1 is ready to adhere to ethical principles and legal standards, demonstrating responsibility in decision-making under specific conditions of large-scale farming
	C2 is willing to self-improve and continuously educate himself/herself in the field of large-scale cattle ranching.
	K3 Understands the importance of correct medical treatment in the food chain and of producing food of the highest quality.
Preliminary and additional requirements	In accordance with the sequencing regulation.

Contents of the training module – a compact description	Analysis of computer data available in the herd, reading and interpretation of tabulograms. Principles of good nutrition and maintenance affecting herd welfare. Contemporary recognition programmes in cattle herds. Laboratory evaluation of health status in a cow herd, designing test panels. Planning and execution of laboratory specialised tests. Subclinical and atypical non-infectious diseases in the dairy herd. Technopathies. Neurodegenerative diseases of cattle. Diseases of the offspring and their prevention.
Recommended and obligatory reading list	1. Divers T, Peek S.: Diseases of Dairy cattle, Elsevier, Elsevier 2. Radostits O. M., Gay C. C., Blood D. C., Hinchcliff K. W.: Veterinary Medicine, 1999. 3. Smith B.P. Large Animal Internal Medicine, 1990. 4. Professional journals.
The intended forms/activities/ teaching methods	Lecture, multimedia presentations, films, performing laboratory analyses, visiting herds, experience and practical exercises on clinical material, discussion.

Methods of verification and documentation forms of the achieved learning outcomes	K - all class attendance or according to current study regulations and a passing grade on the test are required for credit.
	S - evaluation of independently performed procedures (clinical examination, diagnostic procedure, independent analysis and measurement of physiological parameters, proposal of therapeutic process) by the teacher,
	C - participation in discussion, answering the questions at the beginning of each laboratory class, final written assessment. Final written assessment consists of 25-50 single-choice test questions. The questions concern the whole material covered during the classes. The student is obliged to obtain at least 61% of all possible points to get a positive grade in the final examination.
	Criteria used to grade the exam:
	Number of points: Grade:
	     0 - 60% 2.0 (insufficient)
	     61 - 69% 3.0 (satisfactory)
	     70 - 79% 3.5 (sufficient plus)
	     80 - 89% 4.0 (Good)
	     90 - 94% 4.5 (Good plus)
	     95 - 100% 5.0 (very good)

Balance of ECTS credits	Exercises 14 hours – 0,56 ECTS Examination 1 hour – 0,04 ECTS Total – 15 hours, 0.6 ECTS Preparation for the exercises 6 hours – 0,2 ECTS Reading the recommended literature 3 hours – 0,1 ECTS Preparation for the examination 3 hours – 0,1 ECTS Total – 12 hours, 0.4 ECTS

Number of contact hours	Participation in the exercises - 14 hours - 0.56 ECTS; examination - 1 hour - 0.04 ECTS. Total – 15 hours, 0.6 ECTS
Relationship between subject learning outcomes and veterinary studies learning outcomes	K1 – B.W.2++, B.W.3++, B.W.4++, B.W.5++, B.W.6++++, B.W.9++ K2- B.W.13+++, B.W.14++, B.W.9++, B.W.22++ K3 - WE_W16++, WE_W17++, WE_W18++, WE_W19++, WE_W20++, WE_W21+++, WE_W27++ S1 – B.U1. ++, B.U2. +++, B.U3. +++ , B.U5.++, B.U6.++, B.U7.++, B.U13. ++ S2 – B.U5. +++, B.U21. + C1 – K1)+++ C2 – K8)+++, K10)+++ C3 – K3)+++, K11)+++
Impact of selected compounds to final grade	Final evaluation: - attendance at classes - weight 10 % - preparation for discussion on a given topic - weight of 15% - practical handling of the animal and experimental material in clinical conditions - weight of 15% - evaluation from the test (final written assessment) - weight of 60%.