

Code of subject	M_WE_SEM3 CHH ANG
Field of study	Veterinary medicine
Name of the training module including the Polish name	Farming of animals Chów i hodowla zwierząt
Language of instruction	English
Type of the training module	obligatory
Level of the training module	Master level
Form of studies	Full-time
Location in the programme (year)	2
Location in the programme (semester)	III
Number of ECTS credits with a division into contact/noncontact	3 (1,8/1,2)
Name and surname of the person in charge	Kinga Kropiwiiec-Domańska
Unit offering the subject	Department of Animal Breeding and Agricultural Consulting
Aim of the module	Acquiring knowledge, skills and social competences in the field of biological foundations of animal production, the purpose and principles of breeding and rearing farm animals (cattle, pigs, horses, sheep, goats, poultry).
Learning outcomes –.	<p>Knowledge:</p> <p>K1 - describes breeds within animal species and explains the rules of breeding and breeding animals</p> <p>K2 - describes the assumptions of the selection of animals for mating, methods of reproduction and selection of animals</p> <p>Skills:</p> <p>S1 - is aware of the need to maximize the use of professional skills in order to improve the quality of veterinary care, animal welfare and public health</p> <p>S2 - documents and uses collected information related to health and welfare, and in some cases also to herd productivity</p> <p>Social competences:</p> <p>C1 - can critically evaluate his own and other people's actions and improve the proposed solutions</p> <p>C2- has a habit of constantly expanding knowledge and improving skills</p> <p>C3 - can cooperate with representatives of other professions in the field of public health protection</p>
Preliminary and additional requirements	

<p>Contents of the training module – a compact description of approx. 100 words.</p>	<p>The subject concerns issues related to the breeding and rearing of farm animal species.</p> <p>The topics of the lectures include:</p> <ul style="list-style-type: none"> - directions of use of individual species of farm animals, - utility types of livestock, - high-production and native breeds within the species and their use, - general issues concerning reproduction, including the main methods of fertilization and reproductive biotechnology, - aspect of animal care and breeding and production management from birth, through their growth and development, - the characteristics of genetic and environmental factors influencing the breeding and utility value of animals, - possibility of using molecular genetics in modern livestock farming and breeding. <p>The topics of the exercises include:</p> <ul style="list-style-type: none"> - principles of breeding work and obtaining breeding progress - conducting selection and selection for matchmaking - the main methods of assessing the value in use and breeding of individual species of farm animals - rules of keeping breeding and animal-technical documentation - crossing models
<p>Recommended and obligatory reading list</p>	<p>J. Casini . Modern Livestock and Animal Health F. Flanders, J. R. Gillespie. Modern Livestock & Poultry Production, Kindle Edition N. Beynon. Pigs: A Guide to Management J. Long. The Book of the Pig: Its Selection, Breeding, Feeding and Management R. Greer. Breeding Farm Animals: An Integrated Approach T. Shaw. Animal Breeding E. Sasimowski . Animal breeding and production S.S. Tomar. Textbook of animal breeding</p>
<p>The intended forms/activities/ teaching methods</p>	<p>discussion, lecture, laboratory and audit classes, written task, presentation</p>
<p>Methods of verification and documentation forms of the achieved learning outcomes</p>	<p>K1, K2 – speech evaluation, written test, evaluation of written task, presentation evaluation S1, S2 – evaluation of a written task, speech evaluation Sc1, Sc2, Sc3 – speech evaluation, presentation evaluation The subject ends with a written test. Admission to the final test only after passing the material (written task, 4 colloquia, presentation) from the classes. A student from the tests can receive a grade consistent with the obtained points: grade 2,0 - <51% all points from the exam grade 3,0 - 51% -60% all points from the exam grade 3,5 - 61% -70% all points from the exam grade 4,0 - 71% -80% all points from the exam grade 4,5 - 81% -90% all points from the exam grade 5,0 -91% -100% all points from the exam</p>

Balance of ECTS credits	CONTACT (hours/ECTS) lectures 15/0,56 classes 30/1,06 consultation 3/0,1 exam/retake 2/0,08 TOTAL 50/1,8 NONCONTACT (hours/ECTS) preparation for the classes 14/0,5 reading recommended literature 6/0,2 preparing for the exam 14/0,5 TOTAL 36/1.2
Number of contact hours	Direct participation in: (hours/ECTS) Lectures 15/0,56 Classes 30/1,06 Consultation 3/0,1 Exam 2/0,08 TOTAL 50/1,8
Relationship between subject learning outcomes and veterinary studies learning outcomes	K1 - B.W11 +++ K2 - B.W12 +++ S1 - B.U20 ++ S2 - B.U20 ++ C1 - K4 ++ C2 - K6 ++ C3 - K9 +++
Impact of selected compounds to final grade	It is possible to improve the final grade by the student by preparing written work or multimedia presentation about animals breeding and husbandry. The topic is determined by the person responsible for the subject in agreement with the student