

Approved by the VF Council
17-6-2019, Prot. Nr. 63

Supplemented by the VF Council
19-06-20, Prot. No. VF10-14

LITHUANIAN UNIVERSITY OF HEALTH SCIENCES
VETERINARY ACADEMY, FACULTY OF VETERINARY MEDICINE,
PROCEDURE OF FORMATION OF ANIMAL PRODUCTION AND WELFARE PRACTICAL
SKILLS OF THE STUDENT OF THE STUDY PROGRAMME
OF VETERINARY MEDICINE

I. GENERAL PART

1. The procedure of Formation of Animal Production and Welfare Practical Skills (hereinafter Practical Skills) of the Student in the Study Programme of Veterinary Medicine in the Faculty of Veterinary medicine, Veterinary Academy, Lithuanian University of Health Sciences (LSMU) (hereinafter Procedure) was prepared with reference to the following documents:
 - 1.1. Law on Science and Education of the Republic of Lithuania of 29/06/2016.No. XII2534 (*Official Gazette*, 2016, No. 20555);
 - 1.2. LSMU Regulation of Studies, approved by the resolution No. 47-05 of the LSMU Senate on 20 June 2014 amended by the resolution No. 94-04 of the LSMU Senate on the 13 October 2017;
 - 1.3. Law on Veterinary of the Republic of Lithuania (*Official Gazette*, 1991, No. 102-2313);
 - 1.4. Description of the study field of veterinary medicine. Approved by the Order No V-795 of the Minister of Education and Science of the Republic of Lithuania of 23 July 2015;
 - 1.5. Results of Veterinary medicine study programme (confirmed at 23/06/2017 of LSMU VF Council);
 - 1.6. Manual of Standard Operating Procedure (ESEVT SOP 2019).
2. This procedure defines organisation, implementation and submission of second year students' formation of practical skills of LSMU VA veterinary medicine study programme at the Practical training and trial center, animal farms (breeding, keeping places), laboratories, Institute of Animal Science and other bases of formation of veterinary medicine practical skills.
3. The formation of practical skills shall be organized by the unit of the Faculty of Veterinary Medicine (FVM) and coordinator of formation of practical skills approved by the LSMU VF Council.

II. BASIC CONCEPTS

4. **Formation of practical skills** – obligatory part of practical skills gained in veterinary medicine study programme modules: Animal Production and Breeding module, Veterinary Hygiene and Animal Welfare. Its form, duration and deadlines are defined by the curriculum of veterinary medicine programme.

5. **Coordinator of the formation of practical skills** - employee Faculty of Veterinary Medicine of the LSMU Veterinary Academy responsible for the organization of students' practical skills formation (hereinafter Coordinator). The FVM lecturer recommended by the responsible FVM unit and appointed by the FVM dean's decree upon consent of the LSMU Rector.

6. **Supervisor of the formation of practical skills** (hereinafter Supervisor) – lecturer employed at LSMU FAS Institute of Animal Rearing Technologies, Department of Animal Breeding and LSMU FVM Department of Food Safety and Quality and responsible for implementation veterinary medicine study programme students' formation of practical skills and gain of competencies.

7. **Base of formation of practical skills** - units of LSMU VA, Practical training and trial center, animal farms (breeding, keeping places), laboratories, Institute of Animal Science and other bases of formation of veterinary medicine practical skills.

III. AIM OF FORMATION OF PRACTICAL SKILLS

8. To create conditions for students to get practical/profesional competencies necessary for study programme results, which are gained when studying Animal Production and Breeding module, Veterinary Hygiene and Animal Welfare.

IV. RESULTS OF FORMATION OF PRACTICAL SKILLS

9. **After completion of the second year studies of:**

9.1. Animal Production and Breeding module **Animal Production** subject – the student will be able to assess: general body development and productivity direction; animal husbandry technologies and housing systems for different age animals; students will be able to calculate the animals body weight, cow's milk production indicators, to assess the quality

of bee products, determine and evaluate the physical, chemical and technological meat properties; the mechanical and biological efficiency of the filters of the closed recirculation system, compliance of basins water oxygenation with the technological standards according to the individual fish species.

- 9.2. Animal Production and Breeding module **Animal Breeding** subject – the student will be able to know the animal breeds, to know their morphological, physiological and productive qualities, fill in the animal's certificate of the origin, to carry out animal selection on phenotype and genotype, to perform a genealogical analysis of animals to apply breeding methods.
- 9.3. Veterinary Hygiene and Animal Welfare module **Veterinary Hygiene** subject – the student will be able to perform quality of animals environment, hygienic assessment, organize implementation of animal protection measures in accordance with legal requirements, ensure animal health and animal welfare, apply legal requirements for animal health and animal welfare, work safely with animals and animal materials, carry out the control of application of legal requirements for animal health and animal welfare, accept innovative decisions, advise the farmers about principles of housing, care, growing of individual animals species or groups of animals, comply with the principles of veterinary certification.
- 9.4. Veterinary Hygiene and Animal Welfare module **Applied Ethology and Animal Welfare** subjects – the student will be able to observe behaviour of different farm and pet animals in their living places, should be able to assess possibility of animals to demonstrate natural behaviour with animal welfare considerations. Student should be able to identify abnormal (stereotypic) behaviour and determine its reasons. Should be able to assess welfare of different farm and pet animals in their keeping places using appropriate evaluation criteria and by taking into account Lithuanian animal welfare legislation. Should be able to work with animals safely and perform control of animal welfare fulfilment.

V. ORGANIZATION AND IMPLEMENTATION OF THE FORMATION OF PRACTICAL SKILLS

10. The formation of practical skills is obligatory for all the second year students of Veterinary Medicine programme.

11. The practical skills are formed according to the curriculum of Veterinary Medicine programme approved by LSMU Senate.
12. Cumulative evaluation of achievements is used for evaluation of competencies achieved during formation of practical skills.
13. When the student arrives to form practical skills, s/he is registered in the base, introduced to the rules of safe work and internal order, and signs in the journal of occupational safety (units of LSMU VA, Practical training and trial center, animal farms (breeding, keeping places), laboratories), familiarized with the rules of biosecurity and biosecurity (standard operating procedure), safe working and internal procedures, and signs in the Biosafety Log, Work Safety Journal, these documents can be found at the Institute of Animal Rearing Technologies, Animal Breeding Department, Food Safety and Quality Department.
14. Formation of practical skills is guided by the Supervisor, who assigns tasks to the student according to the plan of formation of practical skills of respective course.
15. During the practical skills formation, student movement takes place only in the area indicated by the **Supervisor** or the staff of the practical skills formation base.
16. The student forms practical skills during the timetable of the Animal Production and Breeding module, Veterinary Hygiene and Animal Welfare Module.
17. Student shall not leave place of practical skills' formation without permission of Supervisor.
18. Student, missed formation of practical skills because of *justifiable* or *unjustifiable* reasons, shall inform coordinator and arrange another time of practical skills' formation.
19. On arrival to place of formation of practical skills, the student shall be ready for work. Student shall meet requirements of bio-safety and have measures necessary for practical work, to have diary of practical skills and writing tools. Leave all personal belongings and mobile devices in the clinic's cloakroom unless otherwise stated..
20. It is forbidden to use any electronic devices (smart phones, laptops, tabletsetc.) during formation of practical skills unless otherwise stated.
21. It is **forbidden to take a photo of patient without permit of its owner or Supervisor!**
22. The student, who does not satisfy the requirements of work hygiene and are not prepared for practical work, ignores internal rules and requirements of the practical skills formation base are not allowed to form practical skills or attend to practical works.
23. If the student disobeys the set rules or leaves the places of parctical skills formalion without authorisation, he/she will be marked as absent for that day.

24. Practical skills are assessed in each module and module subject separately, i.e. Animal Production and Breeding module Animal Production subject and Animal Breeding subject, Veterinary Hygiene and Animal Welfare Module Veterinary Hygiene subject and Applied Ethology and Animal Welfare subjects under the scheduled calendar thematic work plan.
25. After formation of practical skills the Supervisor evaluates practical skills that day required by the student and writes a grade in student's practical skills diary.
26. Practical skills are evaluated according Regulation of the studies at the LSMU

VI. FUNCTIONS OF COORDINATOR AND SUPERVISOR OF THE FORMATION OF PRACTICAL SKILLS

27. **Coordinator** of the formation of practical skills: controls process and timetables of formation of the practical skills. Solves problems related to the formation of practical skills.
28. **Supervisor** of the formation of practical skills: provides students with timetable of his coordinated module/subject and with the base of the formation of practical skills.

VII. RIGHTS, POSITION AND RESPONSIBILITIES OF THE STUDENT

29. The student shall observe internal orders, rules of safe work and bio-safety specified in the requirements of bases during the formation of practical skills.
30. The student shall observe principles of professional ethics of the veterinarian, behave patients and respect their owners.
31. The student shall conduct tasks assigned by the supervisor of the formation of practical skills.
32. The student's gained practical skills are evaluated according to the LSMU Regulation of the Studies.

VIII. FORMATION OF PRACTICAL SKILLS

33. The formation of practical skills for second-year students is obligatory part of modules Animal Farming and Breeding module Animal Farming subject and Animal Breeding subject, Veterinary Hygiene and Animal Welfare Module Veterinary Hygiene subject Animal Welfare subject
34. The formation of practical skills according to the schedule is mandatory for every student.

35. Developing practical skills covered by **Animal Production subject** under the Animal Production and Breeding module: in farms and in the laboratory works, will gain the following competences:
- 35.1. will be able to assess differences in animal exterior;
 - 35.2. will be able to distinguish the direction of animal productivity;
 - 35.3. will be able to calculate the body weight of an animal;
 - 35.4. will be able to evaluate technologies for growing animals of different ages;
 - 35.5. will be able to assess the quality of animal products;
 - 35.6. will be able to evaluate the efficiency of filters in the closed recirculation system of fish farming.
36. Developing practical skills covered by **Animal Breeding subject** under the Animal Production and Breeding module: in Practical training and trial center and kennels will will gain the following competences:
- 36.1. Will be able to recognize animal breeds according to their unique morphological, physiological and productive characteristic;
 - 36.2. Will be able to select animals according to the data of origin;
 - 36.3. Will be able to evaluate the influence of breed and ancestor on the offspring;
 - 36.4. Will identify inbreeding cases, the type and degree of inbreeding mating;
 - 36.5. Will be able to select animals according to conformtion indicators;
 - 36.6. Will be able to carry out the selection of animals according to productive qualities, and to assess their correlation;
 - 36.7. Will be able to select animal pairs according to conformation traits and productive features and other selectable features;
 - 36.8. Will be able to adapt breeding methods to solve various breeding tasks.
37. Developing practical skills covered by **Veterinary Hygiene subject** undre the Veterinary Hygiene and Animal Welfare module: in the Practical training and trial center, on farms or in other animal keeping places the students will gain the following competences:
- 37.1. Will be able to observe requirements of biosecurity and work safely with animals, ensuring animal welfare and health.
 - 37.2. Will be able to select measuring points in different animal species keeping houses depending on housing technologies.
 - 37.3. Will be able to perform correctly environment physical, chemical and biological parameters measurements and do calculations, analyze, compare with recommended norms, assess of effects on animal health and productivity.

- 37.4. Will be able to perform evaluation of animal husbandry technology, farm animals keeping houses, building elements (foundations, walls, floors, windows, roofs), breeding area, watering and feeding systems, ventilation and waste disposal systems, constitutional ration areas (yards) and do analysis how it affects animal health and productivity.
- 37.5. Will be able to evaluate animals keeping sanitary conditions.
- 37.6. Will be able to evaluate a state of the animal's fur, skin, hooves, nails and to take care.
38. Developing practical skills covered by **Applied Ethology and Animal Welfare subject** under the Veterinary Hygiene and Animal Welfare module: in Practical training and trial center, on farms or in other animal keeping places students will gain the following competences:
- 38.1. Will be able to evaluate behaviour of different farm and pet animals in their living places, will be able to assess possibility of animals to demonstrate natural behaviour taking into account animal welfare considerations.
- 38.2. Will be able to identify abnormal (stereotypic) behaviour and determine its reasons.
- 38.3. Will be able to assess welfare of different farm and pet animals in their keeping places using appropriate evaluation criteria and by taking into account Lithuanian animal welfare legislation.
- 39 Regarding the assessment and assessment procedures, the student has the right to appeal in accordance with the provisions of the LSMU Study Regulations.
- 40 In cases of harassment, sexual harassment, pursuit or violence, the student may contact the University administration directly or fill in the report form in the Academic Ethics section of the University website in Lithuanian or English, as specified in the Rules of Prevention of Harassment, Sexual Harassment, Pursuit and Violence of Lithuanian University of Health Sciences. Free psychological assistance is provided to LSMU staff and students who have experienced discrimination, harassment or other degrading events.
- 41 Students have the right to complain about disputes with the administration and other employees in accordance with the LSMU Student Dispute Resolution Procedure with the administration and other employees.

IX. FINAL PROVISIONS

42. A supplement of the procedure enters into force from the 1 September, 2020
43. The procedure may be amended, supplemented or cancelled by the decision of the Council of the Faculty of Veterinary Medicine.