

PRACTICAL TECHNOLOGIES FOR THE SMALL ANIMAL FARM SYSTEMS – FROM ANIMAL REARING TO PRODUCTION PROCESSING

COURSE PROGRAMME

Virtual part 14 04 2025 – 18 04 2025

Before the virtual part begins, each participant will receive a link to the One Drive cloud storage, where they will find the course material for this part. During the virtual part period, participants will familiarize themselves with the course material and complete the tasks at a convenient time for them.

Meeting in person 12 05 2025 – 16 05 2025

<i>Date</i>	<i>Time</i>	<i>Content of the Course</i>	<i>Teachers</i>
Monday, May 12, 2025	9.45 – 10.00	Coffee and Welcome. Objectives of the course, discussion of working agenda, project works	Prof. dr. Elena Bartkienė, assoc. prof. Dr. Jurgita Dailidavičienė and dr. Dovilė Klupšaitė, LSMU
	10.00 – 10.30	Lecture. Goat milk composition and quality (The suitability of goat milk composition and quality to cheese production)	Prof. dr. Inga Ciprovica, LBTU
	10.30 – 11.00	Lecture. Innovations in meat products processing at Latvia University of Life Science and Technologies	Assist. prof. dr. Ilze Gramatina, LBTU
	11.00 – 11.30	Lecture. Rapid methods for microbial contamination detection	Assist. prof. dr. Asnate Ķirse-Ozolīna, LBTU
	11.30 – 12.00	Lecture. A combination of wheat cereal outer layer thermo-mechanical processing and bioconversion for sustainable value-added feed stock production	Prof. dr. Elena Bartkienė, LSMU
	12.00 – 12.15	Discussion about the learned topics	
	12.15 – 13.00	Lunch	
	13.00 – 16.00	Laboratory practice. Eggs quality evaluation. Preparation of the eggs based food products.	Dr. Dovilė Klupšaitė, dr. Ernesta Tolpežnikaitė, LSMU
Tuesday, May 13, 2025	9.45 – 10.00	Coffee	
	10.00 – 10.30	Lecture. Animal welfare, rights and ethics	Assoc. Prof. Dr. Jurgita Dailidavičienė, LSMU
	10.30 – 10.50	Lecture. Antimicrobial supplements for dairy cows feeding - milk yield increasing and healthy parameters improving	Dr. Vita Lēlė, LSMU
	10.50 – 11.10	Lecture. Milk quality assurance and control	Dr. Saulius Tušas, dr. Ramutė Mišeikienė, LSMU
	11.10 – 11.30	Lecture. Fruit/berry by-products as bioactive compounds and natural preservatives for production of high-quality unripened cow milk cheese	Dr. Vytautė Starkutė, dr. Erika Mozūrienė, LSMU

	11.35 – 12.30	Excursion. SE 'Pieno Tyrimai'	Dr. Saulius Tušas, dr. Ramutė Mišeikienė, LSMU
	12.30 – 13.15	Lunch	
	13.15 – 16.00	Laboratory practice. High quality unripened cow milk cheese preparation; quality and safety parameters evaluation	Dr. Vytautė Starkutė, dr. Vita Lėlė, PhD student Ernestas Mockus, LSMU
Wednesday, May 14, 2025	9.45 – 10.00	Coffee	
	10.00 – 10.45	Lecture. The breeds, varieties and production of alpaca's and llama's (dr. Vilija Buckiūnienė, LSMU)	Dr. Vilija Buckiūnienė, LSMU
	10.45 – 14.00	Excursion. Alpaca's farm. <i>Lunch will be organized during excursion.</i>	Dr. Vilija Buckiūnienė, LSMU
	14.00 – 14.20	Lecture. Identification of active components and assessment potential health benefits of honey bee products	Assoc. prof. Agila Daukšienė, LSMU
	14.20 – 14.40	Lecture. Aquaculture in small farms. Achievements and problems	Dr. Ernesta Tolpežnikaitė, LSMU
	14.40– 16.00	Laboratory practice. Honey bee products quality evaluation.	Assoc. prof. Agila Daukšienė, LSMU, dr. Jolita Klementavičiūtė
		Laboratory practice. Evaluation of the fish meat safety and quality parameters	Dr. Ernesta Tolpežnikaitė, dr. Jolita Klementavičiūtė, LSMU
Thursday, May 15, 2025	10.00 – 10.15	Coffee	
	10.15 – 10.45	Lecture. Breeding of small ruminants and camelids	Assoc. prof. Evaldas Šlyžius, LSMU
	10.45 – 11.15	Lecture. New breeding strategies in dairy cattle	Assoc. prof. Lina Anskienė, LSMU
	11.15 – 11.45	Lecture. Genomic selection of dairy cattle	Lect. Kristina Morkūnienė, LSMU
	12.00 – 17.00	Lectures and Excursion. Lectures and excursion to the Institute of Animal Science (Baisogala) – topic: animal rearing technologies for domestic species in Lithuania. <i>Lunch will be organized during excursion.</i>	Prof. dr. Asta Racevičiūtė-Stupelienė, prof. dr. Vilma Viliene, dr. Monika Nutautaitė, LSMU
Friday, May 16, 2025	9.45 – 10.00	Coffee	
	10.00 – 14.00	Excursion. The dairy cattle farm Vazniškių ŽŪB. <i>Lunch will be organized during excursion.</i>	Assoc. prof. Lina Anskienė, assoc. prof. Evaldas Šlyžius, LSMU
	14.00 – 16.00	Presentation of student projects. Questions and assessment of the course.	All teachers