storLecturerLutDodTheTecCourse and semester inwhich it is planned tostudy the discipline	hovative technologies for the production of ckbreeding products tsenko Mariia Mykhailivna ctor of agricultural sciences, e Head of the Department of Milk and Meat Production hnology year, 2nd semester
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postgraduates are	
invited to study the discipline	
	According to the requirements of the educational and
A list of competences and relevant learning results provided by the discipline for tech org and pro- tech ive for pra- veto othellive bus tech by skil	fessional program "Technology of production and cessing of livestock products", applicants have to uire the ability to acquire the following competencies: GC 1. Ability to think abstractly, analyze and thesize. GC 2. Ability to conduct researches at the appropriate el. GC 3. Ability to learn and master modern knowledge. GC 4. Skills in using information and communication mologies. GC 7. Ability to plan, organize and conduct scientific earch, process, publish and patent their results; PC 2. Knowledge of the basic technologies, curement and storage of fodder, application of the latest mologies of preparation for feeding; PC 3. The ability to apply basic knowledge of the anization of technological processes in the production processing of stockbreeding products; PC 4. The ability to use professional knowledge and ctical skills to ensure the implementation of hygienic, erinary sanitary and preventive measures at farms and er facilities for the production and processing of stock products and the preservation of animals' health. PC 5. The ability to carry out organizational measures the production of stockbreeding products, solution of ctical tasks dealing with professional activity, basics of iness communication and work with a team. PC 10. Ability to characterize biological and mological processes using specialized software tools; The result of learning this discipline is the acquisition a higher education students of such knowledge and

Annotation of compulsory educational component

milk and beef production; - to know the systems and methods of agricultural animals and control and optimi microclimate of technological premises; - to know the parameters and carry out techn	
agricultural animals and control and optimi microclimate of technological premises; - to know the parameters and carry out techn	
microclimate of technological premises; - to know the parameters and carry out techn	
- to know the parameters and carry out techn	ize the
	ological
control of modern technologies for the product	ion and
processing of stockbreeding products;	
- be able to form dairy herds for modern dair	rv farms
and grouping of cows;	· j
- be able to implement modern methods of m	anaging
the technological processes of milk and beef produ	
various farms.	
Description of the discipline	
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which are necessary for technologies for the production of livestock prod	
the study of the based on the knowledge of such disciplines as "M	-
discipline of technological processes in animal hust	•
"Organization and management of beef produc	tion on
modern farms", "Biology of productivity of agr	icultural
animals", "Program management processes in th	
studied at the master's level of training.	
The maximum number 70 students	
of graduate students	
who can study at the	
same time	
Same time	
Clease tenies Tenies of lectures	
Classroom topics Topics of lectures:	f (l
1. Biological, technological and technical aspects	
development of innovative technologies for the pro	oduction
of livestock products.	
2. The main initial criteria for the creation of moder	rn tarms
of a new generation.	
3. General concepts about resource-saving technol	ogies of
milk and beef production.	
4. Volume-planning and technological solutions	of new
generation livestock farms with resource-saving	
production technologies.	
5. Reconstruction of existing premises, as one of t	he ways
of introducing innovative milk and beef pro	-
technologies.	
6. Main breeds of dairy herds.	
7. Systems of formation of dairy herds for mode	rn dairy
The strandardardardardardardardardardardardardard	in dan y
farms and grouping of cows.	
farms and grouping of cows. 8. Systems of keeping highly productive herds.	
farms and grouping of cows.8. Systems of keeping highly productive herds.9. Feeding cows of different physiological conditional conditio	
farms and grouping of cows.8. Systems of keeping highly productive herds.9. Feeding cows of different physiological conditivity young animals under the conditions of interval.	
 farms and grouping of cows. 8. Systems of keeping highly productive herds. 9. Feeding cows of different physiological conditi young animals under the conditions of intractechnologies. 	novative
 farms and grouping of cows. 8. Systems of keeping highly productive herds. 9. Feeding cows of different physiological conditi young animals under the conditions of intechnologies. 10. Modern machines and equipment for procure 	novative
 farms and grouping of cows. 8. Systems of keeping highly productive herds. 9. Feeding cows of different physiological conditi young animals under the conditions of intractechnologies. 	novative

	12 Machanization of committeins and a set of the
	12. Mechanization of cow milking under conditions of
	innovative technologies.
	13. Types of milking installations and milking technologies
	on them.
	14. Composition and nutritional qualities of milk and
	obtaining its high quality.
	15. Primary milk processing.
	16. Processing of farm production waste at biogas plants.
	Topics of practical classes:
	1. Studying and generalization of systems to keep cows on
	farms of various typical sizes.
	2. Calculation of the optimal herd structure and planning of
	livestock movement on farms of various typical sizes.
	3. Formation and placement of different age and
	physiological groups on farms of various sizes.
	4. Development of design and technological solutions for
	the reconstruction of existing livestock premises for
	resource-saving milk production technologies.
	5. To develop design and technological solutions for the
	reconstruction of premises with a width of 12, 21 and 24 m.
	6. Familiarization with the herd of dairy breeds that are
	currently used at modern farms.
	7. Methodology and practice of forming a dairy herd of 500
	cows (Livestock movement). 2. Determination of the herd
	structure of dairy farms for 500 and 1000 cows.
	8. Calculate the need for fodder and sowing areas for farms
	with 500 and 1000 cows.
	9. Familiarization with harvesting and storage technologies
	of various types of fodder at modern farms.
	10. Studying the technology of milking cows in milking
	parlors on installations such as "Parallel", "Carousel",
	"Yalynka" and using of robotic milking systems.
	11. Determination of milk quality when using different
	milking systems.
	12. Traditional technologies of beef production at farms of
	various typical sizes.
	13. To develop a plan for the movement of livestock at
	specialized farms with beef production.
	14. Development of new volumetric planning and
	technological solutions for farms with resource-saving beef
	production technologies. Creation of fattening farms in
	peasant farms.
Language of teaching	Ukrainian
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