

## Course Description Form

1. Course Name:

Sheep and goats Production

2. Course Code:

SHGP430

3. Semester / Year:

Autumn 2023

4. Description Preparation Date:

1/2/2024

5. Available Attendance Forms:

Presence

6. Number of Credit Hours (Total) / Number of Units (Total)

75 hours (2 + 3) \*15 weeks

7. Course administrator's name (mention all, if more than one name)

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8. Course Objectives

### Theoretical

- Enabling the student to understand and comprehend what is related to sheep and Goats nutrition and their relationship to animal production projects and the economic aspect
- Enabling the student to become familiar with the breeds of sheep and goats
- Enabling the student to know milk production in sheep and goats and the factors affecting it
- Enabling the student to know the diseases that affect sheep  
Goats and methods of processing them.
- Enable the student to know how to create a flock of sheep and goats
- Enabling the student to know the properties of wool and the factors affecting its production.
- Enable the student to know reproduction in sheep and goats and measure reproductive efficiency in addition to the factors affecting the death of embryos.

### Practical

Enabling the student to become familiar with the most important field operations related to raising sheep and goats.

9. Teaching and Learning Strategies

Strategy

- Interactive lecture
- Brainstorming

- Dialogue and discussion
- Field Training
- Practical exercises
- Field project
- Self-education

#### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
<b>First</b>	<b>2 Theoretical</b>	A: The student learns an introduction to sheep and goat production	Introduction to sheep and goat production	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	A11: Learn about the English terms related to sheep and goats	List the foreign terms used in raising sheep and goats	Assigning tasks And report	Assignment of duty discussions
<b>Second</b>	<b>2 Theoretical</b>	B1: Enumerates the production systems of sheep and goats	List the foreign terms used raising sheep and goats	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	B6: Remember the most important appearance and production characteristics of Awassi sheep	Seasonal field operations conducted on sheep and goats	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Third</b>	<b>2 Theoretical</b>	A2: State the position of sheep in the animal kingdom	The position of sheep in the animal kingdom	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the	Exams, reports, discussions, quizzes

				student, with the student's evaluation in class participation	
	<b>3 Practical</b>	B7: Determines breeding season	One-time field operations sheep and goats	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Fourth</b>	<b>2Theoretical</b>	A3: Learn about reproduction and fertility in sheep and goats	Reproduction and fertility sheep and goats	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	B8: Determines the best types of weaning in sheep	One-time field operations sheep and goats	Assigning tasks And report	-short exam - Assignment of duty -discussions
<b>Fifth Sixth</b>	<b>2Theoretical</b>	B2: Learn about the breeding season and the influencing factors on him	Breeding season and factors affecting it	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	A12, B9, C1: remembers parts of the reproductive systems in sheep	A visit to animal production fields	Assigning tasks And report	-short exam -Assignment of duty -discussions
	<b>2Theoretical</b>	A4: The student explains ways to improve the characteristics of fertility and fecundity	Ways to improve fertility and fecundity	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct	Exams, reports, discussions, quizzes

				dialogue between the teacher and the student, with the student's evaluation in class participation	
	<b>3 Practical</b>	B10: Remembers types of records	Preparations for the vaccination season	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Seventh</b>	<b>2Theoretical</b>	A5: Learn about ways to establish and manage a flock of sheep and goats	Establishing and managing a flock of sheep and goats	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	A13: Explains arbitration in sheep	Preparing for lambing season	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Eighth</b>	<b>2Theoretical</b>	A6: Understands methods of raising and feeding sheep and goats	Breeding and feeding methods In sheep and goats	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	A14: Explains the types of sheep farms	Weaning and its types in sheep	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Ninth</b>	<b>2Theoretical</b>	B3: Enumerates feeding methods at different stages of growth	Nutrition at different stages of growth	Audio and visual methods (teaching explanation of the topic)	Exams, reports, discussions, quizzes

				Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	
	<b>3 Practical</b>	A15: The student learns how to trim the hooves of sheep And goats	Reproductive systems in sheep	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Tenth</b>	<b>2 Theoretical</b>	A7: Understands milk production in sheep and goats	Milk production in sheep and goats	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	A16: Enumerates the types of field operations	Records	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Eleven</b>	<b>2 Theoretical</b>	B4: Explains growth, development, and meat production in sheep and goats	Growth, development and meat production in sheep and goats	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	A17, C2 shows special field operations in sheep	Arbitration and exhibitions	Assigning tasks And report	
<b>Twelve</b>		A8: Understands the biological	Biological efficiency of meat production	Audio and visual methods (teaching	Exams, reports,

	<b>2Theoretical</b>	efficiency of meat production		explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	discussions, quizzes
	<b>3 Practical</b>	A18: Distinguish the most important morphological and productive traits among Iraqi sheep	Sheep dwellings and pens	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Thirteen</b>	<b>2Theoretical</b>	A9: The student remembers the production of wool and hair in sheep and goats	Wool and hair production	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	B11: Determines which ewes enter the insemination season	Shear the wool	Assigning tasks And report	-short exam -Assignment of duty -discussions
<b>Fourteen</b>	<b>2Theoretical</b>	A10: The student explains the genetics and improvement of sheep and goats	Genetics and improvement of sheep and goats	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	B12: Explains the method of shearing wool, distinguishes the	Slaughtering and cutting	Assigning tasks And report	-short exam -Assignment of duty -discussions

		cuts of the carcass			
<b>Fifteen</b>	<b>2 Theoretical</b>	B5: The student shows the future of the sheep and goat industry and intensive production	The future of the sheep and goat industry and intensive production	Audio and visual methods (teaching explanation of the topic) Style of writing on the blackboard The method of direct dialogue between the teacher and the student, with the student's evaluation in class participation	Exams, reports, discussions, quizzes
	<b>3 Practical</b>	B12: Explains the benefit of arbitration	A scientific visit to a sheep and goat farm	Assigning tasks And report	-short exam -Assignment of duty -discussions

#### 11. Course Evaluation

Evaluation methods	Evaluation date	degree	Relative weight%
Theoretical final report + practical experience reports	Theoretical 1 – 15 week Practical 1 – 15 week	7 Theoretical + 6 Practical	%13
Quizzes	3 <sup>rd</sup> week	4 Theoretical + 2 Practical	%6
Theoretical and practical midterm test	9 <sup>th</sup> week	10 Theoretical + 5 Practical	%15
Quiz	12 <sup>th</sup> week	4 Theoretical + 2 Practical	%6
Final practical test	Week Final Exam.	20	%20
Final theoretical test	Week Final Exam	40	%40
The total		100	100%

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Sheep and Goats Production (book)
Main references (sources)	Sheep Production and Management (2005)
Recommended books and references (scientific journals, reports...)	Sheep and Goats Handbook for Ethiopia (2008)
Electronic References, Websites	NRC National Report Bulletin 2001, 2007

Theoretical subject teacher

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