

## Course description form

: Course Name .1	
Economics of animal production	
:code Course Code .2	
ECAP326	
: Semester/Year .3	
Fall semester 2024	
: Date this description was prepared .4	
2024/2/1	
:Available forms of attendance .5	
My presence	
:Number of study hours (total)/number of units (total) .6	
3/45	
Name of the course administrator (if more than one name is mentioned) .7	
:Amiel - Name: A.M.D. Imad Abdulaziz Ahmed Al <a href="mailto:imadabdulaziz79@uomosul.edu.iq">imadabdulaziz79@uomosul.edu.iq</a>	
objectives Course .8	
:theoretical	
Enabling the student to understand and comprehend what is related to the economics of animal - production	
Enabling the student to know the natural and economic resources and factors of production -	
Enabling the student to know the production function, the formulas of this function, the nature and - cases of the production function, the economic derivatives of the production function, and solving .an exercise	
Enable the student to know the types of costs, the characteristics of these costs, average costs, and - solve an exercise	
Enabling the student to understand the characteristics and advantages of isoquants -	
The student can learn how to determine the optimal size of production -	
The student can understand the importance of substitution and expansion in the use of economic - resources	
The student can learn about the criteria for evaluating animal production projects -	
Teaching and learning strategies .9	
Interactive lecture, brainstorming, factors affecting the production process	<b>The</b>
Interactive lecture, brainstorming, necessary and sufficient conditions to obtain	<b>strategy</b>

<p>the maximization value</p> <p>Interactive lecture, brainstorming, and presentations of models of the nature and conditions of the production function</p> <p>Interactive lecture, brainstorming, presentations and exercises on economic derivatives of production</p> <p>Interactive lecture, brainstorming, presentations and cost average exercises</p> <p>Interactive lecture, brainstorming, dialogue and discussion</p> <p>Interactive lecture, brainstorming, dialogue and discussion, assigning tasks and reporting</p> <p>Interactive lecture, brainstorming, dialogue and discussion, assigning tasks and reporting</p> <p>Interactive lecture, brainstorming, dialogue and discussion, assigning tasks and reporting</p> <p>,Interactive lecture, brainstorming, dialogue and discussion</p> <p>He is assigned to prepare an assignment in solving an exercise within the process of substituting between resources and then discussing it with the students</p> <p>Interactive lecture, brainstorming, dialogue and discussion, assigning tasks and reporting</p> <p>Interactive lecture, brainstorming, dialogue and discussion</p> <p>He is assigned to prepare a report on the scientific visit and prepare it for discussion with the students</p> <p>He is assigned to prepare an assignment to solve an exercise within these standards and prepare it for discussion with the students</p>	

Evaluation method	Learning method (theoretical)	Name of the unit or topic	Required learning outcomes	hours	the week
discussions	Interactive lecture, brainstorming, dialogue and discussion	First principles in economics Animal Production	The student learns about the economics of production, the nature of resources, and the factors involved in the production process	3 Theoretical	The first week
Short exam1	Interactive lecture, brainstorming, dialogue and discussion	Higher derivatives	The student learns about higher derivatives and maximum and minimum limits as an input to production and costs	3 Theoretical	second week
a report	Interactive lecture, brainstorming, dialogue and discussion	Production function and elementary principles To choose	Shows to the student The concept of the production function, its assumptions, and the nature of the production function states	3 Theoretical	the third week
Short exam 2	Interactive lecture, brainstorming, dialogue and discussion	Economic derivatives of the production function	It explains to the student the three stages of production and solves exercises on applying the laws of economic derivatives to the production function	3 Theoretical	fourth week
discussions	Interactive lecture, brainstorming, dialogue and discussion	The economic concept of costs Production	Explains to the student the concept of costs and their types and solves an exercise on the application of economic derivatives of costs	3 Theoretical	The fifth week
exam 3	Interactive lecture, brainstorming, dialogue and discussion	Economical in size	Shows the student the cost curves in the short and long run and the relationship between them in graphical forms	3 Theoretical	the sixth week
Semester exams 1	Interactive lecture, brainstorming, dialogue and discussion	Isocost lines	Explains to the student the tabular, Indian, and algebraic methods to determine the least expensive	3 Theoretical	Seventh week

			combination		
Assignment of duty	Interactive lecture, brainstorming, dialogue and discussion	Production function for two suppliers	Students learn about indifference a2 curves, their characteristics, and their shapes	3 Theoretical	The eighth week
discussions	Interactive lecture, brainstorming, dialogue and discussion	Determine the optimal size of a resource production function with a resource One variable	It is clear For students Maximizing b7 profits by determining the optimal size of resources and the optimal size of production	3 Theoretical	Week nine
Assignment of duty	Interactive lecture, brainstorming, dialogue and discussion	Distribution of productive resources and selection between products	The production possibilities curve a3 explains to students the type of relationship between competitive, complementary, independent, and related goods	3 Theoretical	The tenth week
Short exam 4	Interactive lecture, brainstorming, dialogue and discussion	Substitution relationships between resources	Shows students how to substitute c3 between resources to obtain a certain level of production	3 Theoretical	Week eleven
discussions	Interactive lecture, brainstorming, dialogue and discussion	Evaluation of animal production projects	Students learn about the stages of a4 evaluation and how some projects are prone to errors	3 Theoretical	The twelfth week
Short exam 5	Interactive lecture, brainstorming, dialogue and discussion	Price relationships and choice indicators	Explains to students the obstacles to c4 achieving maximum revenues and the relationship between productivity and maximum revenues	3 Theoretical	The thirteenth week
exams 2	Interactive lecture, brainstorming, dialogue and discussion	Scientific visit	Judged The student made a scientific E visit to some fattening fields for calves and lambs in Nineveh Governorate	3 Theoretical	The fourteenth week
Short exam 5	Interactive lecture, brainstorming, dialogue and discussion	Indicators and standards for evaluating animal production projects	It shows values for the criteria: net c5 present value - percentage of return on costs - net present value - return on	3 Theoretical	The fifteenth week

			costs, to know the economic feasibility of establishing the project		

Course evaluation -11				
Relative weight %	Class	Calendar appointment - a week	Calendar methods	T
5	5	My theory week 1-15	A theoretical final report	1
10	10	Week 3	Quiz Short test 1	2
15	15	Week 9	Midterm test theoretical	3
10	10	Week 12	Short test 2 Quiz	4
60	60	A week of theoretical exam	Final theoretical test	5
100	100		the total	

#### Learning and teaching resources -12

Animal Production Economics: Dr. Salem Tawfiq Al-Najafi

Economics of agricultural production: King Saud University - College of Food and Agricultural Sciences

Theoretical subject teacher: Dr. Imad Abdel Aziz Ahmed

Head Of Department



Chairperson of the Scientific Committee

