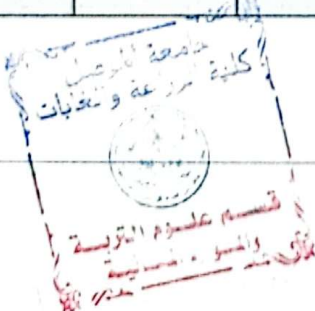


Course description form

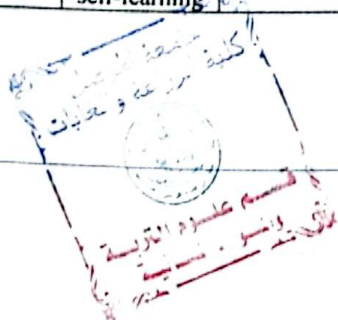
1.	Course Name:	Natural resource economics
2.	Course Code:	REEC490
3.	Semester/Year: Annual	First semester/fifth stage Rabaa/ 2024-2025
4.	Date this description was prepared	2024/9/1
5.	Available attendance forms:	In person
6.	Number of study hours (total)/number of units (total):	2 theoretical hours / 3 practical hours (5 hours) / 3.5 units
7.	Name of the course administrator (if more than one name is mentioned)	Dr: Muna Abdel Qader Eman Faisal Mohammad
8.	Course objectives	<ul style="list-style-type: none"> Enabling the student to learn about natural resources, their types and their importance Empowering the student How to exploit Natural Resources In an optimal way and explain uses Enable the student to recognize On land, human and water resources Empowering the student To learn about ways Preserving these resources and the demand supply for them
9.	Teaching and learning strategies	<ul style="list-style-type: none"> - Interactive lecture - Brainstorming - Dialogue and discussion - Field Training - Practical exercises - Field project - Self-education
10.	Course structure	

Evaluation method	Teaching method	Name of the unit/topic	Required learning outcomes	hours	the week
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Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Research methods in economic resources	A1: Learn about the methods and methods used to study and explore economic resources	2Theoretical	1
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	The importance of the reasons for studying it Geological depletion Economic depletion	A2: Learn about the concept of natural resources	3Practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Characteristics of economics Economic Resources - Classification of economic resources	B1: Explains the characteristics of economic resources C1: Enumerates resource classifications	2Theoretical	2
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Basic functionsFor Earth	A3: Enumerates the functions of the earth	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Economics of land resources - concepts and characteristics of land - uses of land - use capacity - best use of land	A4: Learn how to use the land C2: Determine the best methods to use	2	3
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Light cutting and advantages of light farming Dense reduction and the advantages of dense agriculture The difference between a dense border and a light border	C3: Compare between the dense border and the light border	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and	Land use density - factorsInfluentialIn the density of land use -	A5: Understands how population density is distributed	theoretical	4

	discussion, self-learning		A6He knows how to plan to distribute resources fairly		
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Economic supply response For land due to changing demand	B2:Explains the economic offer	Practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Display of land resources - concept of land - natural supply - economic supply - . Means of increasing the economic supply of land	B3:YimmigBetween n the natural and economic supply of the land C4Compares the different options available for land use	theoretic al	5
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	A graph of supply and demand from society's point of view and how equilibrium is achieved	B4:Explains the theory of supply and demand in selling from society's point of view	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Land rent - characteristics of rent - types of agricultural land rent - Theories of rent - the economic and social importance of rent	B5:He knows the definition of rent C5It shows the types of rent	theoretic al	6
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	A graph of supply and demand from an individual's point of view and how equilibrium is achieved	B6:Explains the theory of supply and demand in selling from the individual's point of view	practical	
Semester exam	Semester exam	Semester exam	Semester exam	2	7
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Traditional resources, their types and features, and unconventional resources, their types and features	C6: Compares traditional and non-traditional German resources	practical	



Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Evaluation of agricultural land resources - evaluation requirements - factors affecting the value of land - Earth straightening methods	B7: It is clear Factors affecting agricultural land values C7Methods of evaluating land, how to use it, and determining the best ways to use the land	theoretical	8
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Diagram of the water balance and means of maintaining the quantity and quality of water resources	B8:It shows the balance between supply and demand for water	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Tenure of agricultural land resources - the concept of agricultural tenure - types of tenure -.	The concept of tenure explains the factors influencing the use of land C8:And evaluate the effectiveness of agricultural policies	theoretical	9
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Strong and weak condition for sustainable development	C9:Compares the strong and weak condition for sustainable development	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Characteristics of land tenure – Importance of land tenure resources- Lands of the Arab world countries-Arable lands For agricultureThe floorArab agricultural -	C10Determines the needs of the farmer And he plans toMake plans forDevelopment of the agricultural sector	theoretical	10
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Natural capital stock stability chart	B9:It shows the stability of the natural capital stock	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue	Agricultural land resources in Iraq - divisions of Iraqi	A7::Knows terrestrial resources Its types and	theoretical	11

	and discussion, self-learning	lands - per capita share of arable land	importance And understanding the challenges facing agriculture in Iraq		
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	The optimal point and future justifications for achieving it	B10:It shows the optimum point for the size of the capital stock	Practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Economics of human resources - population size - population size and economic activity - population density -	A8::Understands the importance of human resources, analyzing decisions and developing management skills	theoretical	12
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Supplier of capital and its sources	B11:Explains capital resources	practical	
Semester exam	Semester exam	Semester exam	Semester exam	Semester exam	13
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Characteristics of human resources management	B12:Explains human resources management	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Agricultural workforce - human resources in Iraq.	A9:Recognize definitionsbasics related to itIt helps develop workforce skills	theoretical	14
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Characteristics of capital resources	B13:Shows intellectual capital	practical	
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and	Economics of water resources - the importance of water resources - sources of water resources in Iraq - fish wealth	B14Knows water resources, their importance, and their distribution sources	theoretical	15

	discussion, self-learning				
Semester exam 1, final exam	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Examples of capital resources	B15: Gives examples of capital resources	Practical	

Course evaluation .11				
	Relative weight%	Class	Calendar date (week)	Calendar methods
	52.	52.	the third week	Short test(1 Quiz)
	20	20	the sixth week	Theoretical semester test
	2.5	2.5	The ninth week	Short test(Quiz2))
	40	40	Final semester exam	Final theoretical test
	2.5	2.5	The first week	A short practical test(1) Quiz
	5.2	2.5	fourth week	A short practical test(2) Quiz
	10	10	the sixth week	Practical semester test
	20	20	Final semester exams	Final practical test
	100%	100%		the total
Learning and teaching resources .12				
Land economics and reformagricultural,Dr. Ab Khaleq Muhamn			Required textbooks (methodology, if any)	
The Economics of Agrarian Reform, Dr. Ab Wahab Matar Al-Dahri			Main references (sources)	
Economics of Natural and Environmental Resource Dr. Hamad bin Muhammad Al-Sheikh			Recommended supporting books and references (scientific journals, reports....)	
nothing			Electronic references, Internet sites	

Theoretical subject teacher
muna Abdel Qader Ahmed

Dr. Khaled Anwar Khaled
Head of the Department of Soil Sciences and Water Resources

Dr. Abdul Qader Abash
Chair of the Scientific Committee

