Farm busines managemen course description

1- Course Name .
Farm busines managemen course description
1. : Course Code
FAWM392
2. Semester / Year : Annual
Second semester/ Third stage/2023-2024
3. Date this description was prepared
2024/2/1
4. Available forms of attendance:
My presence
5. :Number of study hours (total)/number of units (total)
2 theoretical hours / 3 practical hours (5 hours) / 3.5 units
6. Name of the course administrator (if more than one name is mentioned)
D. Zwaid Fathy Abd Osama Laith Muhammad Faiq .
7. Course objectives
• .The student learns about economic concepts that can be applied to making decisions using farm situations • Develop the student's skills in planning, budgeting, financial analysis of farm businesses, and investment .analysis • .The student can To achieve optimal use of production elements on the farm and achieve economic efficiency • Enabling students to submit farm reports and records • Enabling the student to use methods for calculating the depreciation of machinery, equipment, and agricultural buildings • Enabling the student to link the economic foundations and standards that govern planning, executive and .supervisory decisions in the areas of production and marketing • Enable the student to determine the optimal size of the farm • Enabling the student to understand, assimilate and differentiate between production and agricultural costs and agricultural assets • Enable the student to use the economic rules that govern the selection of combinations of - agricultural resources to choose productive combinations of various agricultural commodities • . Enabling the student to develop different alternatives to make a production or investment decision - • Enabling the student to provide advice in the field of farm management, especially in determining - the financial and economic position of the facility and identifying the areas that give the highest .returns • Enabling the student to make investment decisions for agricultural projects under conditions of risk - and uncertainty

- Enable the student to measure economic efficiency using some statistical programs -
- the student to reach the optimal crop structure that maximizes net income or minimizes costs Enabling -

8. Teaching and learning strategies

- Interactive lecture
- Brainstorming
- Dialogue and discussion
- Assignment of duty

9. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
semester ‹test 1	Interactive lecture, brainstorming , dialogue and discussion	Farm management concepts and functions	Basic concepts of farm management and comparison between farm management, public administration, and business administration :A1 Explaining the difference between farm tool science and other agricultural sciences and clarifying the characteristics of a successful farm manager , explaining the functions of farm management , choosing the factors that help elect a successful .agricultural project :B1	2 Theoretical	1
Short practical test 1 , homework	Interactive lecture , brainstorming, dialogue and discussion	Farm production costs	The concept of farm production costs :A3 Distinguish between farm production costs and farm assets :E2 farm production Practical examples of types of costs and presentation of the shapes of cost curves and their derivatives :B16 Analyze the farmer's position on the profit and loss facing the producer on the farm :D5	3 practical	
Semester exam 1, final exam	Interactive lecture , brainstorming, dialogue and discussion	Farm decision making process	The concept of the farm decision-making :B 2 clarifying the scientific steps in making ‹ process farm decisions , classifying the decisions taken by the farm	2 Theoretical	2
Short practical test1	Interactive lecture , brainstorming, dialogue and discussion	The principle of setting the best level of production	Basic conditions for determining the best level of production , mathematical applications and examples to determine the best level of production :B 17 Conclusions from the principle of setting the best level of production :D6	3 practical	
Semester exam 1, final exam	Interactive lecture , brainstorming, dialogue and discussion	Measures of economic efficiency on the farm	Description of economic efficiency and its ‹ components :B3 Explain the criteria for evaluating various productive projects with applied models B4 Criteria used to measure economic efficiency on a farm, with mathematical examples of its application :C1	2 Theoretical	3

Short practical test 1 , homework	Interactive lecture , brainstorming, dialogue and discussion	Practical application of economic efficiency measures	Solve mathematical exercises and display :B18 graphical forms for efficiency measures and project evaluation	3 practical	
Semester exam 1, final exam	Interactive lecture , brainstorming, dialogue and discussion	Farm size	The concept of farm size and the optimal size of :B5 Explain the factors determining farm , production size	2, theoretical	4
Short practical test 2	Interactive lecture , brainstorming, dialogue and discussion	Farm size	Determine the optimal size of production in the :C3 long run theoretically and graphically	3 practical	
Semester exam 1, final exam	Interactive lecture , brainstorming, dialogue and discussion	Farm records	The concept of farm records, their importance :B6 ،and objectives Justifications for keeping farm records , and :D1 distinguishing between types of farm records	2, theoretical	5
a test Semester final ،1 exam	Interactive lecture , brainstorming, dialogue and discussion	Farm records	Drafting and presenting models for farm :B19 records for all agricultural activities Determine the optimal size of information :C4 graphically	3 practical	
writing a report	Interactive lecture , brainstorming, dialogue and discussion	A field visit	A field visit to the Nineveh Agriculture :C2 Directorate to review farm records	2 theoretical	6
writing a report	Interactive lecture , brainstorming, dialogue and discussion	A field visit	A field visit to the Nineveh Agriculture :C2 Directorate to review farm records	3 practical	
Semester exam 2, final exam	Interactive lecture , brainstorming, dialogue and discussion	Farm management methods	Justifications for studying farm management :D2 methods Explaining farm management methods :B7	2 theoretical	7
Short practical test1	Interactive lecture , brainstorming, dialogue and discussion	The principle of equal marginal returns	Describe the principle of equal living returns :B20 An applied mathematical example of : B21 determining equal marginal returns	3 practical	
Semester exam 2, final exam	Interactive lecture , brainstorming, dialogue and discussion	Farm planning	The concept, objectives, types and methods of :B8 farm planning	2 theoretical	8
Short practical test1	Interactive lecture , brainstorming, dialogue and discussion	The principle of substitution and substitution	An explanation of the principle of substitution :B 22 and substitution and solving applied mathematical examples	3 practical	
Semester exam 2, final exam	Interactive lecture , brainstorming, dialogue and discussion	Extinction and methods of calculating it	Definition of extinction and factors affecting :A2 extinction calculations Justifications and reasons for calculating the :D3 depreciation of agricultural machinery , machinery , and buildings Explanation of methods for calculating :B 9 extinction	2, theoretical	9
Short practical test1	Interactive lecture , brainstorming, dialogue and discussion	Extinction and methods of calculating it	Solve applied mathematical examples of :B 23 methods for calculating extinction	3 practical	
Semester test2	Interactive lecture , brainstorming, dialogue	Methods of evaluating lands and	The concept of agricultural land management , :B10 Explain and identify the factors affecting the	2 theore	10

	and discussion	structures Agricultural real estate	evaluation of land and real estate facilities Explaining methods for valuing lands and real estate structures	tical	
Short practical test1	Interactive lecture , brainstorming, dialogue and discussion	Methods of evaluating land and real estate facilities	Mathematical application of land and real estate valuation methods :B 24	3 practical	
writing a report	Interactive lecture , brainstorming, dialogue and discussion	Field visit to solve a problem	A field visit to the Bashiqa Agriculture Division to learn about the problems and obstacles of olive cultivation :E1	2 theoretical	11
writing a report	Interactive lecture , brainstorming, dialogue and discussion	Field visit to solve a problem	A field visit to the Bashiqa Agriculture Division to learn about the problems and obstacles of olive cultivation :E1	3 practical	
Final test	Interactive lecture , brainstorming, dialogue and discussion	Managing work on the farm efficiently	Clarifying the planning and management of farm work :B11	2 theoretical	12
Practical short test 1 ، homework	Interactive lecture , brainstorming, dialogue and discussion	Agricultural crop management	the economic criteria used in agricultural crop management Explain :B 25	3 practical	
Final test	Interactive lecture , brainstorming, dialogue and discussion	Efficient capital management	Explain the efficiency criteria for using farm capital :B12	2 theoretical	13
Short practical test 1 and homework	Interactive lecture , brainstorming, dialogue and discussion	Farm animal management	the economic criteria used in Explain :B 26 managing farm animals	3 practical	
Short test, final test	Interactive lecture , brainstorming, dialogue and discussion	Linear programming method for data analysis	The concept and tools of linear programming , :B13 methods of linear programming	2 theoretical	14
Short practical test3	Interactive lecture , brainstorming, dialogue and discussion	Linear programming method	Examples of the graphical method and the tabular method of linear programming :B 27	3 practical	
Short test, final test	Interactive lecture , brainstorming, dialogue and discussion	Managing risk and uncertainty	The concept of risk and uncertainty , :B14 identifying and explaining the types of risk in the agricultural sector Infer the factors causing risk and uncertainty :D4	2 theoretical	15
Test , short ، practical1	Interactive lecture , brainstorming, dialogue and discussion	Linear programming method	theoretical and mathematical Explain :B 28 methods to reduce the amount of risk in agricultural production	3 practical	

10. Course evaluation

Relative % weight	Class	Calendar date (week)	Calendar methods	T
2.5	2.5	the sixth week	Report 1	1
2.5	2.5	The eleventh week	Report 2	2
1	1	The first week	Short test)1(Quiz	3
1	1	second week	Short test)2(Quiz	4
2	2	ninthand tenth weeks	Short test)3(Quiz	5
10	0 1	The seventh week	Semester test)1(	6
10	10	The third week is difficult	Semester test)2(	7
40	40	Final semester exams	Final theoretical test	8
1	1	The fifteenth week	Short test)4(Quiz	9

1	1	The first week	Short test)1(Quiz	10
2	2	The fourth and eighth weeks	Quiz (2) Short practical test	11
1	1	The ninth week	Quiz (3) Short practical test	12
1	1	The fourteenth week	Quiz (4) Short practical test	13
5	5	Weeks 1,3,12,13,15	Homework	14
20	20	Final semester exams	Final practical test	15
%100	%100	100	the total	

11. Learning and teaching resources

Al-Samarrai, Hashem Alwan. 1982. Farm business management. Dar Ibn Al-Atheer for Printing and Publishing. University of Al Mosul . Iraq	equired textbooks (methodology , if any)
The klidar . Qusay Qasim and Abdullah Hamad Al-Dabash . Theoretical and applied farm business management . 2018. Anwar Degla Press. Baghdad . Iraq Judge Abdel Fattah Saleh and Ahmed Shukri Al-Rimawi. Principles in farm management. 1996. Dar Hanin. Oman . Jordan Dr.. Khaled Al-Ruwais. Lectures on agricultural plant management, Palace 213. Department of Agricultural Economics. College of Food and Agricultural Sciences -	Main references (sources)
nothing	Recommended supporting books and references (scientific journals, (....reports
nothing	Electronic references , Internet sites

Practical subject teacher
Osama Laith Muhammad Faiq .

Theoretical subject teacher
D. ZWAID Fathy Abd

Head of the Agricultural Economics Department
Dr. Alaa Muhammad Abdullah

Chairman of the Scientific Committee
Dr. Alaa Muhammad Abdullah

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