

**Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department**



Academic Program and Course Description Guide

2026-2025

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023

regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program

Academic program description form

University name: University of Diyala

College/Institute: College of Administration and Economics

Scientific Department: Department of Economics

Name of the academic or professional program: Bachelor of Economics

Name of final degree: Bachelor of Economics

Academic system: first and second semester of the 2025-2026 academic year

Description preparation date: 10/9/2024

Date of filling the file: 21 /9 / 2025

Signature: 

Signature 

Name of department head:

Name of scientific assistant:

Asst prof . Dr Diao Hussein saud prof . Dr ALYAA HUSSIN KHALAF

Date: 21/9/2025

Date: 21/9/2025

Check the file before

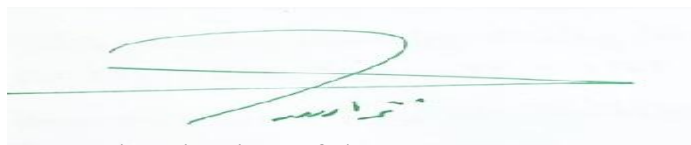
Division of Quality Assurance and University Performance

Signature: 

Name of the Director of the Quality Assurance and University

Performance Division: Assistant Teacher Amal Hadi Rashid

the date: 21/9/2025



Authentication of the Dean

Assist. Prof.Dr Nazar M. Abdulkareem

21/9/2025

1. Program Vision

The program aspires to prepare a special quality of high-level graduates with an academic background that combines the required basic knowledge and skills that qualifies them to meet the needs of society and graduate a generation of researchers capable of solving its problems in a scientific manner. Management has a continuous impact on our lives and organizations at all times, so we look forward to reaching an administratively integrated knowledge society in Diyala Governorate.

2. Program Mission

Enriching graduates with various administrative sciences and applying them practically in any general business environment, to reach a knowledge society capable of carrying out administrative work in maintaining the individual (micro) and societal (macro) levels.

3. Program Objectives

- Adopting a scientific methodology in the academic and training fields in accordance with the requirements of quality assurance and academic program accreditation in Iraq.
- Striving to make the department's outputs in administrative sciences more competitive by providing science, knowledge, and skills.
- Transforming teaching and learning processes in administrative sciences into effective practices that contribute to building a developed society.
- Enabling individuals to manage their businesses efficiently and provide useful and productive knowledge to public organizations and

society.

- Conducting scientific research that addresses administrative problems faced by public organizations and society.
- Providing consultations and designing advanced systems that address the problems of public organizations and society.
- Providing government organizations with highly scientific, ethical and professional employees.
- Preparing a workforce prepared to work in the government sector and capable of contributing to the implementation of human development plans for the governorate and the country.
- Developing and developing government agencies in the field of local and central government administration, public budgets and government policies through specialized cadres.
- Working to adopt administrative techniques and mechanize administrative work in various types of government departments and agencies in a way that ensures raising the level of efficiency and effectiveness of these agencies.

4. Program Accreditation

Does the program have program accreditation?

No

5. Other external influences

Is there a sponsor for the program?

No

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
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Institution Requirements	5	10	%7,5	
College Requirements	5	10	%7,5	
Department Requirements	55	127	%85	
Summer Training				
Other				

* This can include notes whether the course is basic or optional.

7. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
			Theoretical	Practical
Third	B1	Macroeconomics 1	3	
		Mathematical economics 1	3	
		Public finance	3	
		International economy	2	
		Industrial economy	2	
		agricultural economy	2	
		Environmental economics	2	
		Economic development	2	
		Macroeconomics 2	3	
		Mathematical economics 2	3	
		Financial policies	2	
		International economic policies	2	
		Industrial economic policies	2	
		Agricultural economic policies	2	
		Knowledge economics	2	
		Development policies and experiences	2	
Professional methods and ethic	2			
Furth	B2	Critical theory	3	
		Economic feasibility studies	3	
		Econometrics 1	3	
		Economic systems	3	
		Oil economics	2	
		International finance	2	
		Economic planning 1	2	

	Operations research 1	2	
	Research methods and ethics	2	
	Monetary policy	3	
	Evaluation of economic projects	3	
	Econometrics 2	3	
	Energy economics	2	
	Financial institutions	2	
	Economic applications on the computer	1	2
	Economic planning 2	2	
	Operations research 2	2	
	Scientific research project	2	

8. Expected learning outcomes of the program	
Knowledge	
1- Learning Outcomes	<ul style="list-style-type: none"> - To know the most important principles and concepts of public administration. - Statement of Learning Outcomes 1 To apply management concepts with realistic examples and case studies.
Skills	
2- Learning Outcomes	<ul style="list-style-type: none"> - The ability to diagnose administrative theories and their real-life applications. - The ability to analyze administrative concepts and the relationships between them.
3-Learning Outcomes	<ul style="list-style-type: none"> - The ability to collect and analyze information about human resources management concepts and how to use them in managing organizations. - Statement of Learning Outcomes 3 Familiarity with administrative concepts appropriate for use in different fields
Ethics	
Learning Outcomes 4	<ul style="list-style-type: none"> - The ability to examine and evaluate the topics presented. - The ability to criticize and distinguish the topics presented and choose between them.
Learning Outcomes 5	<ul style="list-style-type: none"> - The ability to criticize and distinguish the topics presented and choose between them.

	- The ability to examine and evaluate the topics presented.
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9. Teaching and Learning Strategies

- Teaching and learning strategies and methods adopted in implementing the program in general.
- Brainstorming method
- Use decision making to test the best alternative
- Presentation

10. Evaluation methods

Daily and monthly tests with multiple-choice questions for academic subjects

- Grades for sharing difficult competitive questions for students
- Assigning grades to assigned homework
- Student activities

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/ Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer
Professor		3		3	
Assistant Professor	1	6		7	
Lecturer	2	2		4	
assistant Lecturer	4	2		6	

Professional Development

Mentoring new faculty members

By participating in training courses, seminars and workshops on modern teaching methods

Professional development of faculty members

- Follow up on scientific development by contacting international universities via the Internet
- Participation in scientific conferences inside and outside the country
- Participation in scientific workshops and seminars inside and outside the country

12. Acceptance Criterion

(Establishing regulations related to admission to the college or institute, whether central admission or others mentioned)

Determine a special acceptance rate for graduates of preparatory school in its scientific and literary streams

13. The most important sources of information about the program

- The website of the college and university
- Helping books
- Local scientific trends
- Global scientific requirements

14. Program Development Plan

Curriculum development: By adding modern topics that keep pace with the continuous development in administration. Developing and training faculty members: through their participation in seminars, courses, and attendance at scientific conferences for the purpose of being informed of the latest developments.

Program Skill Outline

		Required program Learning outcomes													
Year/level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				1A	2A	3A	4A	1B	2B	3B	4B	1C	2C	3C	4C
Third	ECB 411	Mathematical economics 1	Basic		√	√	√	√	√	√	√	√	√	√	
		Mathematical economics 2			√	√	√	√	√	√	√	√	√	√	
	ECB 409	Macroeconomics 1	Basic		√	√	√	√	√	√	√	√	√	√	
		Macroeconomics 2	Basic		√	√	√	√	√	√	√	√	√	√	
Fourth	ECB 406	Econometrics 1	Basic		√	√	√	√	√	√	√	√	√	√	
		Econometrics 2	Basic		√	√	√	√	√	√	√	√	√	√	
	ECB 417	Economic feasibility study	Basic		√	√	√	√	√	√	√	√	√	√	
	ECB 417	Evaluation of economic projects	Basic		√	√	√	√	√	√	√	√	√	√	

Please tick the boxes corresponding to the individual learning outcomes from the program being assessed.

**Department of
Economics
third level
Chapter one
school year
2025-2026**

Course description template

1. Course name:					
Macroeconomics 1					
2. Course code					
Macroeconomics / third stage					
3. Semester/year					
First semester/first semester of the academic year 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(45) hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Prof. Dr. Alyaa Hussein Khalaf Al-Zarkroushi					
Email:: aliaeco@uodiyala.edu.iq					
Objectives of the study subject					
1Introducing the student to the foundations of macroeconomics					
2- Explaining to the student the most important economic problems that include the total national economy, using total quantities and variables without looking at .their partial components					
3- Teaching the student to analyze aggregate activity and the role of its variables in creating economic imbalances, and then address them to reach aggregate balance and create an environment of aggregate stability and long-term economic .growth					
9. Teaching and learning strategies					
1-Method of giving and lecturing.					
2-Discussion method. The strategy					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	Week
Self-evaluation and peer evaluation	Discussion and dialogue	Conceptual introduction and definitions	View and analyze	3	1
Oral exams	lecture	Some mathematical	View and	3	2

		applications are accompanied by graphs	analyze		
Homeworks	Discussion and dialogue	Income and production	View and analyze	3	3
Homeworks	lecture	Some mathematical applications are accompanied by charts	View and analyze	3	4
Homeworks	lecture	supplement	Applications and exercises	3	5
Oral exams	lecture	Some mathematical applications are accompanied by charts	View and analyze	3	6
homework	lecture	Classical theory and criticisms directed at it by Keynes	Applications and exercises	3	7
homework	lecture	Some mathematical applications are accompanied by graphs	View and analyze	3	8
homework	lecture	Demand and supply in the classic	View and analyze	3	9
Homeworks	lecture	Some mathematical applications are accompanied by graphs	View and analyze	3	10
Oral exams	lecture	Keynesian demand and supply	View and analyze		11
Homeworks	lecture	Some mathematical applications are accompanied by graphs	View and analyze	3	12
Oral exams	Discussion and dialogue	supplement	View and analyze	3	13
Oral exams	Discussion and	Some mathematical applications are	View and analyze	3	14

	dialogue	accompanied by graphs			
-	-	Depreciation function and saving function	-	3	15
11. Course evaluation					
Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.					
12. Learning and teaching resources					
Dr. Abdul Salam Yassin Al-Idrisi, Macroeconomics, Basra University Press, deposited in the National Library in Baghdad, 1986. Required textbooks (methodology, if any)			Dr. Abdul Salam Yassin Al-Idrisi, Macroeconomics, Basra University Press, deposited in the National Library in Baghdad, 1986. Required textbooks (methodology, if any)		
Saqr Ahmed Saqr, Macroeconomic Theory, Publications Agency, Kuwait, 1977. Main references (sources)			Saqr Ahmed Saqr, Macroeconomic Theory, Publications Agency, Kuwait, 1977. Main references (sources)		
1- Michael Abdigman, Macroeconomics Theory and Policy, translated and Arabized by Muhammad Ibrahi Mansour, Mars Publishing House, 1999.			1- Michael Abdigman, Macroeconomics Theory and Policy, translated and Arabized by Muhammad Ibrahi Mansour, Mars Publishing House, 1999.		
2- Dr. Sami Khalil, Macroeconomic Theory, Kuwait, 1994.			2- Dr. Sami Khalil, Macroeconomic Theory, Kuwait, 1994.		

Course description form

1. Course Name					
Mathematical economics 1					
2. Course Code					
ECB411					
3. Semester/year					
First semester, academic year 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available attendance forms					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
45 hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name. Assistant Professor Dr: Omar Mahmood Akawee Email: omareco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1. Presenting economic theory in a mathematical form, using mathematical concepts, terminology, and theories					
2. Enable the student to use mathematics in economic analysis to explain and address general cases.					
3. Training the student to acquire skills for designing mathematical models of economic problems.					
9. Teaching and learning strategies					
The strategy		1. Method of giving the lecture 2. Discussion method			
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Homeworks	Lecture	Functions and their economic applications	View and analyze	3	1
Written tests	Lecture	Linear market equilibrium	Applications and exercises	3	2
Written tests	Lecture	Nonlinear	Applications	3	3

		market equilibrium	and exercises		
Homeworks	Lecture	Income balance	View and analyze	3	4
Written tests	Lecture	Two-sector income equilibrium	Applications and exercises	3	5
Written tests	Lecture	Three-sector income balance	Applications and exercises	3	6
—	—	the first exam	—	3	7
Written tests	Lecture	Balance with foreign trade	Applications and exercises	3	8
Written tests	Lecture	Income balance between two countries	Applications and exercises	3	9
Written tests	Lecture	The balance between the money market and the commodity market	Applications and exercises	3	10
Homeworks	Lecture	Product user model	View and analyze	3	11
Written tests	Lecture	Using matrices to solve the user-producer model	Applications and exercises	3	12
Written tests	Lecture	User model and sector links	Applications and exercises	3	13
—	Lecture	Second exam	—	3	14
Written tests	Lecture	Flexibility and its types	Applications and exercises	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Principles of mathematical economics
Written by Prof. Dr. Hussein Ali Bakhit

Required textbooks
(methodology, if any)

Foundations of mathematical economics
Dr.. Hamad bin Mohammed Al Sheikh
Dr.. Ahmed bin Abdullah Asiri

Main references (sources)

Chiang AC. and Wainwright K.
Fundamental Methods of Mathematical
Economics. McGraw Hill. 4 th Edition,
2013.

Recommended supporting books
and references (scientific
journals, reports....)

Mathematical economics
Dr.. Nizar Amara Al-Raisi

Electronic references, Internet
sites

Course description form

1- Course Name					
Public finance					
2- Course Code					
ECB413					
3- Study Year					
The first semester of the academic year/2025-2026					
4- Date of description prepared					
21 /9 / 2025					
5- Available attendance forms					
Theoretical and practical					
6- Number of study hours (total) Number of units (total)					
(45) hours of study, (3) hours per week					
7- Name of the course administrator					
Name. Assistant Professor Dr : diaa Hussein saud Email diaaeco@uodiyala.edu.iq					
8- Course objectives					
<p>1- Explains to the student the importance of studying public finance and its relationship to other sciences</p> <p>2- The student is introduced to the concept of public finance, its origins and development up to the present time</p> <p>3- Explain to the student the elements of public finance, which are public revenues, public expenditures, and the general budget</p> <p>4- Explains to the student the concept of public loans, their nature, types and economic effects</p> <p>5- Explains to the student the concept of the general budget, its sections, stages and rules.</p>					
9- Teaching and learning strategies					
How to deliver the lecture. Discussion method.				Strategies	
10. Course structure					
Evaluation method	Teaching method	Subject	Required learning outcomes	Hour	Week
Oral exams	Discussion and dialogue	Public finance (its concept and development)	View and analyze	3	1
Preparing reports	Lecture	Public finance	View and analyze	3	2

		from the point of view of economic schools			
Oral exams	Discussion and dialogue	Public finance in traditional thought	View and analyze	3	3
Oral exams	Lecture	Public finance in modern thought (Keynesianism)	View and analyze	3	4
Oral exams	Lecture	Public expenses and their components	View and analyze	3	5
Preparing reports	Lecture	Overhead divisions	View and analyze	3	6
-	-	Economic effects of public expenditures	View and analyze	3	7
Oral exams	-	First month exam	-	3	8
Preparing reports	Discussion and dialogue	Public revenues and their types	View and analyze	3	9
Oral exams	Lecture	The general effects of taxes on the national economy	View and analyze	3	10
Preparing reports	Lecture	The concept of public loans and their types	View and analyze	3	11
Oral exams	Lecture	The economic	View and analyze	3	12

		effects of public loans			
Oral exams	Discussion and dialogue	New cash issue	View and analyze	3	13
Oral exams	Discussion and dialogue	The general budget and its pillars	View and analyze	3	14
Oral exams	Discussion and dialogue	Second month exam	View and analyze	3	15

11- Course Evaluation

Distribution of the grade (100) according to the tasks assigned to the student, such as daily preparation, daily, monthly, practical, written exams, and reports.

12- Learning and teaching resources

Required prescribed books	<p>Public Finance - Dr. Reda Sahib Abu Ahmed Al Ali</p> <p>Public Finance - Adel Aflih Al-Al</p> <p>Public finance and financial policies and their modern developments / Professor Dr. Amr Hisham Muhammad / Iraq Office for Printing and Publishing 2017</p> <p>Public Finance and Financial Legislation - Dr. Taher Al-Janabi</p> <p>Reports and bulletins of the Ministry of Finance</p> <p>Reports of the Central Bureau of Statistics - Ministry of Planning</p> <p>World Bank reports</p>
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Course description form

1. Course name:	
International economics subject	
2. Course code	
ECB413	
3. Semester/year:	
First semester 2025/2026	
4. Date this description was prepared:	
21 /9 / 2025	
5. Available attendance forms:	
Daily attendance/theory and according to the scheduled weekly schedule	
6. Number of study hours (total) Number of units (total)	
(60) hours of study, four hours per week	
7. Name of the course administrator	
Name: Prof.Dr. Mahdi Saleh Dawai Email: mahdieco@uodiyala.edu.iq	
8. Course objectives	
Objectives of the study subject	
9. Teaching and learning strategies	
The strategy	1- The lecture. 2- Discussion and dialogue. 3- Enrichment questions. 4- Direct interrogation.

10 -Course Structure (First Semester)

Evaluation method	Teaching method	Some basic concepts of international economics	Definitions and concepts	Hours	Week
Self-assessment, peer assessment, oral exams, assignments, and monthly and daily tests	Lecture, discussion, dialogue and interrogation And enrichment	Commodity composition of foreign trade	a lecture	2	1
		Basis of international exchange	Understanding relationships	2	2
		A historical introduction to the study of international economics	Key concepts	2	3
		Stages of development of the international economy	Theoretical steps	2	4
		The three types of the capitalist system and their relationship to the development of economic relations	Realistic applications	2	5
		International	Realistic applications	2	6
		A theoretical introduction to the study of international economics	Key concepts	2	7
		Foreign trade theories	Monthly test	2	8
		the first exam	Key concepts	2	9
		David Hume's theory of foreign trade (automatic equilibrium)	Understanding relationships	2	10
Adam Smith's theory of absolute advantage	Key concepts	2	11		

		David Ricardo's theory of comparative advantage	Understanding relationships	2	12
		Haberler's opportunity cost theory	Understanding relationships	2	13
		Haberler's opportunity cost theory	Key concepts	2	14
		The theory of international values (mutual demand) by John Stuart Mill	Monthly test	2	15

11. Course evaluation

- 1 – Various tests (daily, monthly, quarterly, final)
- 2 - Oral exams.
- 3- Duties.

12. Learning and teaching resources

International economics	1- Required prescribed books
Dr. Saleh Ghazi Al-Taie	2- Main references (sources)
International economics	Recommended books and references (scientific journals, reports)
Dr. Amin Rashid Kannouna	B - Electronic references, Internet sites.

Course description form

1. Course name:					
Industrial economy					
2. Course code					
Industrial economy / third stage / symbol					
3. Semester/year					
The first semester of the academic year 2025-2026					
4. The date this description was prepared					
21 / 9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(30) study hours, 2 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assist lecturer . Hussein Habib Hussein					
Email: Husseineco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Introducing the student to the foundations of industrial economics.					
2- Providing the student with topics and concepts specific to industrial economics that constitute the starting point for entering into an advanced study of economics.					
3- Explaining the importance of industrial economics and its role in analyzing data for industrial projects.					
9. Teaching and learning strategies					
1- Method of giving and lecturing.				The strategy	
2- Discussion method.					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Self-evaluation and peer evaluation	Discussion and dialogue	Definition of the industrial economy and its objectives	View and analyze	2	1
Oral exams	lecture	The concept and factors of industrial localization	View and analyze	2	2
Homeworks	Discussion and	General standards for industrial localization	View and analyze	2	3

	dialogue				
Homeworks	lecture	Artistic methods of settlement	View and analyze	2	4
Homeworks	lecture	Economics of industrial project size	Applications and exercises	2	5
Oral exams	lecture	Determine the size of the industrial project and its economic importance	View and analyze	2	6
Homeworks	—	Project size and its impact on costs and returns	Applications and exercises	2	7
-	-	First month exam	-	2	8
Oral exams	Discussion and dialogue	The optimal size of the industrial project	View and analyze	2	9
Homeworks	lecture	The impact of technological development on determining the optimal size	View and analyze	2	10
Oral exams	Discussion and dialogue	Small enterprises and their role in the economy	View and analyze		11
Homeworks	lecture	The importance of industrial project planning	View and analyze	2	12
Oral exams	Discussion and dialogue	Technical methods for planning in an industrial facility	View and analyze	2	13
Oral exams	Discussion and dialogue	The concept and classifications of the industrial sector	View and analyze	2	14
-	-	Second month exam	-	2	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Industrial Economics / Dr. Hamid Jassim
Hamid Al-Jumaili and others

Required textbooks (methodology, if any)

Industrial Economics Book / Dr. Medhat

Main references (sources)

Kadhim Al-Quraishi / second edition, Amman, Dar Wael for Publishing and Distribution, 2005.	
Industrial economics between theory and practice / written by: Dr. Muhammad Mahmoud Atwa	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course description form

13- Course name:					
The agricultural economy					
14- Course code					
15- ECB415					
16- Semester/year					
The first semester of the 2025-2026 academic year					
4.The date this description was prepared					
21/9/2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (The agricultural economy) Number of units (2)					
(30)study hours, 2 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name lecturer : Diaan Abdel Razzaq Hassan email: diaraazaq@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Introducing the student to the foundations of agricultural economics 2- Explaining to the student the characteristics of agricultural commodities and methods for measuring agricultural income					
9. Teaching and learning strategies					
1- Method of giving and lecturing.					The strategy
2- .Discussion method					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Self-evaluation and peer evaluation	Discussion and dialogue	The concept of agricultural economics	View and analyze	2	1
Homeworks	Discussion and dialogue	Introduction to the agricultural profession	View and analyze	2	2
Homeworks	Discussion and dialogue	Agriculture characteristics	View and analyze	2	3
Homeworks	Lecture	The concept of agricultural production	View and analyze	2	4

Homeworks	Lecture	The concept of agricultural production function	View and analyze	2	5
Oral exams	Lecture	Analysis of agricultural production in the short term	View and analyze	2	6
Homeworks	Lecture	Analysis of agricultural production in the long term	View and analyze	2	7
-	-	First month exam	-	2	8
Oral exams	Discussion and dialogue	The concept of agricultural costs	View and analyze	2	9
Homeworks	Lecture	Methods of measuring agricultural income	View and analyze	2	10
Oral exams	Lecture	Technology in agriculture	View and analyze	2	11
Homeworks	Lecture	Obstacles facing the introduction of technology into the Iraqi agricultural sector	View and analyze	2	12
Oral exams	Discussion and dialogue	The concept of agricultural prices	View and analyze	2	13
Oral exams	Discussion and dialogue	Partial equilibrium concepts in agricultural commodity market	View and analyze	2	14
-	-	Second month exam	-	2	15

11. Course evaluation

Distribution of the grade out of 40 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Required textbooks (methodology, if any)	Salem Tawfiq Al-Najafi (Principles of Agricultural Economics)
Main references (sources)	Rahman Hassan Al-Musawi (agricultural economics), Salem

	Tawfiq Al-Najafi (principles of agricultural economics)
Recommended supporting books and references (scientific journals, reports...)	Nothing
Electronic references, Internet sites	Nothing

Course description form

1. Name of the course					
Environmental economics					
2. Course code					
ECB415					
3. Semester/year					
The first semester of the academic year/2025-2026					
4. The date this description was prepared					
21/9/2025					
5. Available attendance forms					
Classroom/electronic virtual					
6. Number of study hours (total) Number of units (total)					
hours 30					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assist lecturer Haitham Yousef Jalil Email : Haithemeco@uodiyala.edu.iq					
8. Course objectives					
1- Analysis of environmental problems 2- Analyzing the effects of environmental problems on the economy 3- Analysis of the economic costs of environmental problems 4- Analysis of the interrelationship between the environment and the economy 5- Analysis of the relationship between environment and poverty					
Objectives of the study subject					
Enabling students to obtain the knowledge required to understand economic theories and laws related to environmental economics					
9. Teaching and learning strategies					
<ul style="list-style-type: none"> - Class lectures in addition to virtual ones - Questions and brainstorming - Written and electronic tests - Discussion Cooperative education Note serie					The strategy
10. Course structure					
Evaluation	Learning	Name of the unit or	Required	hours	the

method	method	topic	learning outcomes		week
Short tests- questions- Discussions- Request for - brief research papers	Class lectures in addition to the virtual classroom	Basic concepts of environmental economics	Enhancing the student's ability to understand environmental economics by demonstrating the importance of preserving resources to satisfy human needs, taking into account future .generations	2	1
		Environmental pollution and economics		2	2
		Environmental pollution and its forms Side effects - (external) of pollution		2	3
		Environment, - national economy and economic well- being The impact of - the environment on economic productivity The impact of - economic growth on the environment		2	4
		Economics of natural materials and the rights of generations		2	5
		Causes of environmental problems		2	6
		The impact of - economic growth on the environment The concept of -		2	7

		sustainable development			
		Dimensions of sustainable development Sustainable - development theories		2	8
		Environmental - improvement and economic development		2	9
		Methods for estimating the costs of environmental and resource degradation		2	10
		Economic ways to confront environmental degradation and resource depletion		2	11
		Global environmental experiences		2	12
		Environment and development - basic issues		2	13
		Environmental - improvement and economic development		2	14
		Environment and resources in Iraq between reality and necessary policies		2	15

11.Course evaluation

The first month exam is 15 marks

The second month exam is 15 marks

Student participation with attendance and performance of required duties: 10 marks

The course grade is 40 degrees

The final exam score is 60

12. Learning and teaching resources

1- Muhammad Saleh Turki Al-Quraishi Environmental economics 2- economical development Medhat Al Quraishi 3- economical development Michelle Todaro	Required textbooks (methodology, (if any
	Main references (sources)
	Recommended supporting books and references (scientific journals, (...reports
Journal of Environmental Economics and Management -:Available at the following link www.journals.elsevier.com	Electronic references, Internet sites

Course description form

1- Course Name	
Economic development	
2- Course Code	
ECB414	
3- Study Year	
The first semester of the academic year/2025-2026	
4- Date of description prepared	
21/9/2025	
5- Available attendance forms	
Theoretical and practical	
6- Number of study hours (total) Number of units (total)	
(45) hours of study, (3) hours per week	
7- Name of the course administrator	
Name: Assit. Prof. Dr. Nadia Mahdi Abdel Qader Email: nadiaeco@uodiyala.edu.iq	
8- Course objectives	
Understand the conceptual framework for development	
9- Introducing students to the concept of development by identifying the phenomenon of underdevelopment (structural imbalances), its characteristics and standards.	
10- How to deliver the lecture.	Strategies
11- Discussion method.	
12- Course Evaluation	
Distribution of the grade (100) according to the tasks assigned to the student, such as daily preparation, daily, monthly, practical, written exams, and reports.	
13- Learning and teaching resources	
Required prescribed books	Statistics - Ministry of Planning World Bank reports Book Introduction to Development Economics by Dr. Salem Tawfiq Al-Najafi And the book of planning and economic development by Dr. Ahmed Aref Al-Assaf United Nations Human Development Reports
14- Main references (sources)	

12- Course structure (The first course) 2023/2024

Evaluation method	Teaching method	Subject	Required learning outcomes	Hour	Week
Oral exams	Discussion and dialogue	What is retardation	View and analyze	3	First
Preparing reports	lecture	Characteristics of underdevelopment	View and analyze	3	second
Oral exams	Discussion and dialogue	Economic characteristics	View and analyze	3	third
Oral exams	lecture	Social characteristics	View and analyze	3	fourth
Oral exams	lecture	The content and concept of economic development	View and analyze	3	Fifth
Preparing reports	lecture	Barriers to development	View and analyze	3	VI
-	-	Facing obstacles to development	View and analyze	3	Seventh
Oral exams	-	First month exam / first semester	-	3	VIII
Preparing reports	Discussion and dialogue	Theories of economic development	View and analyze	3	Ninth
Oral exams	lecture	Marxist theory	View and analyze	3	Tenth
Preparing reports	lecture	Neoclassical theory	View and analyze	3	Eleventh
Oral exams	lecture	Schumpeter's theorem	View and analyze	3	Twelfth
Oral exams	Discussion and dialogue	Theory of growth stages	View and analyze	3	Thirteenth
Oral exams	Discussion and dialogue	Arthur Lewis' theory	View and analyze	3	Fourteenth
Oral exams	Discussion and dialogue	Other theories related to balanced and unbalanced growth	View and analyze	3	Fifteenth

**Department of
Economics
third level
Chapter II
school year
2025-2026**

Course description template

1. Course name:					
Macroeconomics 2					
2. Course code					
Macroeconomics / third stage / code ((Econ 3317))					
3. Semester/year					
Second Semester The second semester of the academic year/ 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(45) hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Prof. Dr. Alyaa Hussein Khalaf Al-Zarkroushi					
Email:: aliaeco@uodiyala.edu.iq					
Objectives of the study subject					
1 -Introducing the student to the foundations of macroeconomics					
2- Explaining to the student the most important economic problems that include the total national economy, using total quantities and variables without looking .at their partial components					
3- Teaching the student to analyze aggregate activity and the role of its variables in creating economic imbalances, and then address them to reach aggregate balance and create an environment of aggregate stability and long-term economic growth					
9. Teaching and learning strategies					
1-Method of giving and lecturing.					
2-Discussion method. The strategy					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	Week
Self-evaluation and peer evaluation	Discussion and dialogue	Keynesian theory	View and analyze	3	1
Oral exams	Lecture	Consumption function	View and analyze	3	2
Homeworks	Discussion	Long-run	View and	3	3

	and dialogue	consumption function	analyze		
Homeworks	Lecture	Investment function	View and analyze	3	4
Homeworks	Lecture	Multiplier and accelerator	Applications and exercises	3	5
Oral exams	Lecture	Overall balance	View and analyze	3	6
Homework	Lecture	Overall balance	Applications and exercises	3	7
-	-	First month exam	-	3	8
Oral exams	Discussion and dialogue	Effectiveness of fiscal policy	View and analyze	3	9
Homeworks	Lecture	The effectiveness of monetary policy	View and analyze	3	10
Oral exams	Lecture	Phelps curve	View and analyze		11
Homeworks	Lecture	Inflation	View and analyze	3	12
Oral exams	Discussion and dialogue	The unemployment	View and analyze	3	13
Oral exams	Discussion and dialogue	Economic cycles	View and analyze	3	14
-	-	Second month exam	-	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Dr. Abdul Salam Yassin Al-Idrisi, Macroeconomics, Basra University Press, deposited in the National Library in Baghdad, 1986. Required textbooks (methodology, if any)	Dr. Abdul Salam Yassin Al-Idrisi, Macroeconomics, Basra University Press, deposited in the National Library in Baghdad, 1986. Required textbooks (methodology, if any)
Saqr Ahmed Saqr, Macroeconomic Theory, Publications Agency, Kuwait, 1977. Main references (sources)	Saqr Ahmed Saqr, Macroeconomic Theory, Publications Agency, Kuwait, 1977. Main references (sources)
1- Michael Abdigman, Macroeconomics Theory and Policy, translated and Arabized by Muhammad Ibrahi Mansour, Mars	1- Michael Abdigman, Macroeconomics Theory and Policy, translated and Arabized by

Publishing House, 1999.	Muhammad Ibrahi Mansour, Mars Publishing House, 1999.
2- Dr. Sami Khalil, Macroeconomic Theory, Kuwait, 1994.	2- Dr. Sami Khalil, Macroeconomic Theory, Kuwait, 1994.

Course description form

1. Course Name					
Mathematical economics 2					
2. Course Code					
ECB411					
3. Semester/year					
Second semester, academic year 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available attendance forms					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
45 hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assistant Professor Dr. Omar Mahmood Akawee omareco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
<ol style="list-style-type: none"> 1. Presenting economic theory in a mathematical form, using mathematical concepts, terminology, and theories 2. Enable the student to use mathematics in economic analysis to explain and address general cases. 3. Training the student to acquire skills for designing mathematical models of economic problems. 					
9. Teaching and learning strategies					
The strategy			<ol style="list-style-type: none"> 1. Method of giving the lecture 2. Discussion method 		
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Homeworks	lecture	Optimization of economic functions with two	View and analyze	3	1

		variables			
Written tests	lecture	Maximum and minimum value	Applications and exercises	3	2
Written tests	lecture	Economic applications	Applications and exercises	3	3
Homeworks	lecture	Optimization of functions with multiple variables	View and analyze	3	4
Written tests	lecture	Optimization of constrained functions	Applications and exercises	3	5
Written tests	lecture	Economic meaning of Lagrange multiplier	Applications and exercises	3	6
—	—	the first exam	—	3	7
Written tests	lecture	Production functions	Applications and exercises	3	8
Written tests	lecture	Cobb-dklz function	Applications and exercises	3	9
Written tests	lecture	Product balance	Applications and exercises	3	10
Homeworks	lecture	Economic applications of integration	View and analyze	3	11
Written tests	lecture	Economic applications of dynamic analysis (spider web)	Applications and exercises	3	12
Written tests	Lecture	Linear programming	Applications	3	13

		graph method	and exercises		
—	—	Second exam	—	3	14
Written tests	Lecture	Linear programming simplex method	Applications and exercises	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

	Required textbooks (methodology, if any)
Foundations of mathematical economics Dr.. Hamad bin Mohammed Al Sheikh Dr.. Ahmed bin Abdullah Asiri	Main references (sources)
Chiang AC. and Wainwright K. Fundamental Methods of Mathematical Economics. McGraw Hill. 4 th Edition, 2013.	Recommended supporting books and references (scientific journals, reports....)
Mathematical economics Dr.. Nizar Amara Al-Raisi	Electronic references, Internet sites

Course description form

1-Course Name	
Fiscal policy	
2-Course Code	
ECB413	
3-Study Year	
The second semester of the academic year/2025-2026	
4-Date of description prepared	
21 /9 / 2025	
5-Available attendance forms	
Theoretical and practical	
6-Number of study hours (total) Number of units (total)	
(30) hours of study, (2) hours per week	
7-Name of the course administrator	
Name Assistant Professor Dr.diaa Hussein saud Email diaaeco@uodiyala.edu.iq	
8-Course objectives	
<p>1- Explains to the student the importance of studying public finance and its relationship to other sciences</p> <p>2- The student is introduced to the concept of public finance, its origins and development up to the present time</p> <p>3- Explain to the student the elements of public finance, which are public revenues, public expenditures, and the general budget</p> <p>4- Explains to the student the concept of public loans, their nature, types and economic effects</p> <p>5- Explains to the student the concept of the general budget, its sections, stages and rules.</p>	
9-Teaching and learning strategies	
How to deliver the lecture. Discussion method.	Strategies

10- Course structure (The first course) 2023/2024

Evaluation method	Teaching method	Subject	Required learning outcomes	Hour	Week
Oral exams	Discussion and dialogue	Financial policies (concept and objectives)	View and analyze	3	1
Preparing reports	Lecture	Financial policies from the point of view of economic schools	View and analyze	3	2
Oral exams	Discussion and dialogue	Financial policies in traditional thought	View and analyze	3	3
Oral exams	Lecture	Financial policies in modern thought (Keynesianism)	View and analyze	3	4
Oral exams	Lecture	Conflict and coordination between financial policy objectives	View and analyze	3	5
Preparing reports	Lecture	Financial policy tools	View and analyze	3	6
-	-	public expenditure	View and analyze	3	7
Oral exams	-	First month exam	-	3	8
Preparing reports	Discussion and dialogue	Public revenue	View and analyze	3	9
Oral exams	Lecture	The economic effects of taxes at the micro and macro economic levels	View and analyze	3	10
Preparing reports	Lecture	The concept of tax energy	View and analyze	3	11
Oral exams	Lecture	Tax structure and its determinants	View and analyze	3	12
Oral exams	Discussion and dialogue	The general budget and its pillars	View and analyze	3	13
Oral exams	Discussion and dialogue	Interaction between fiscal and monetary policies	View and analyze	3	14
Oral exams	Discussion and dialogue	Second month exam	View and analyze	3	15

10- Course Evaluation

Distribution of the grade (100) according to the tasks assigned to the student, such as daily preparation, daily, monthly, practical, written exams, and reports.

11- Learning and teaching resources

Required prescribed books

Public Finance - Dr. Reda Sahib Abu Ahmed Al Ali
Public Finance - Adel Aflih Al-Ali
Public finance and financial policies and their modern developments / Professor Dr. Amr Hisham Muhammad / Iraq Office for Printing and Publishing 2017
Public Finance and Financial Legislation - Dr. Taher Al-Janabi
Reports and bulletins of the Ministry of Finance
Reports of the Central Bureau of Statistics - Ministry of Planning
World Bank reports

Course description form

1. Course name:	
International economic policies subject/third stage	
2. Course code	
ECB413	
3. Semester/year:	
Second semester 2025/2026	
4. Date this description was prepared:	
21 /9 / 2025	
5. Available attendance forms:	
Daily attendance/theory and according to the scheduled weekly schedule	
6. Number of study hours (total) Number of units (total)	
(60) hours of study, four hours per week	
7. Name of the course administrator	
Name: Prof.Dr . Mahdi Saleh Dawai Email: mahdieco@uodiyala.edu.iq	
8. Course objectives	
Objectives of the study subject	
<ul style="list-style-type: none"> • Introducing the student to the most important concepts and theories related to this science and their characteristics, such as theories of foreign trade. • Introducing the student to the importance of the movement of production factors internationally. • Study economic applications in the sector of international economic relations, financial markets and the balance of payments. • Study international exchange rates • Study international economic organizations 	
9. Teaching and learning strategies	
The strategy	1– The lecture. 2– Discussion and dialogue. 3– Enrichment questions. 4– Direct interrogation.

10 -Course Structure (Second Semester)

Evaluation method	Teaching method	Name of unit/ or subject	Required learning outcomes	Hours	Week
Self-assessment, peer assessment, oral exams, monthly and daily assignments and tests	Lecture, discussion, dialogue and interrogation And enrichment	Modern theories in foreign trade Heckscher-Ohlin Theory: (International Price Equilibrium Theory)	Definitions and concepts	2	1
		The movement of factors of production internationally	Foundations and concepts	2	2
		The general theory of capital movement and international investment	Understanding relationships	2	3
		Moving work internationally	Key concepts	2	4
		International payments (balance of payments)	Theoretical steps	2	5
		the first exam	Realistic applications	2	6
		Structure of the balance of payments	Practical exercises	2	7
		Balance and disequilibrium in the balance of payments	Monthly test	2	8
		International settlements (markets and exchange rates)	Theoretical exercises	2	9
		International monetary system (exchange rate in different monetary systems)	Key concepts	2	10
		International liquidity	Foundations and concepts	2	11
		International trade rates	Key concepts	2	12
		Trade policy	Understanding relationships	2	13
		Arab and international organizations and blocs	Key concepts	2	14
		Second exam	Monthly test	2	15

11. Course evaluation

- 1 – Various tests (daily, monthly, quarterly, final)
- 2 - Oral exams.
- 3- Duties.

12. Learning and teaching resources

International economics	1- Required prescribed books
Dr. Saleh Ghazi Al-Taie	2- Main references (sources)
International economics	Recommended books and references (scientific journals, reports)
Dr. Amin Rashid Kannouna	B - Electronic references, Internet sites...

Course description form

1. Course name:					
Industrial economy					
2. Course code					
ECB410					
Industrial economy / third stage / symbol					
3. Semester/year					
The second semester of the academic year 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(30) study hours, 2 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assist . Lecturer. Hussein Habib Hussein					
Email: Husseineco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Introducing the student to the foundations of industrial economics.					
2- Providing the student with topics and concepts specific to industrial economics that constitute the starting point for entering into an advanced study of economics.					
3- Explaining the importance of industrial economics and its role in analyzing data for industrial projects.					
9. Teaching and learning strategies					
1- Method of giving and lecturing.				The strategy	
2- Discussion method.					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Self-evaluation and peer evaluation	Discussion and dialogue	Definition of the industrial economy and its objectives	View and analyze	2	1
Oral exams	Lecture	The concept and factors of industrial localization	View and analyze	2	2
Homeworks	Discussion	General standards	View and	2	3

	n and dialogue	for industrial localization	analyze		
Homeworks	Lecture	Artistic methods of settlement	View and analyze	2	4
Homeworks	Lecture	Economics of industrial project size	Applications and exercises	2	5
Oral exams	Lecture	Determine the size of the industrial project and its economic importance	View and analyze	2	6
Homeworks	—	Project size and its impact on costs and returns	Applications and exercises	2	7
-	-	First month exam	-	2	8
Oral exams	Discussion and dialogue	The optimal size of the industrial project	View and analyze	2	9
Homeworks	Lecture	The impact of technological development on determining the optimal size	View and analyze	2	10
Oral exams	Discussion and dialogue	Small enterprises and their role in the economy	View and analyze		11
Homeworks	lecture	The importance of industrial project planning	View and analyze	2	12
Oral exams	Discussion and dialogue	Technical methods for planning in an industrial facility	View and analyze	2	13
Oral exams	Discussion and dialogue	The concept and classifications of the industrial sector	View and analyze	2	14
-	-	Second month exam	-	2	15
11. Course evaluation					
Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.					
12. Learning and teaching resources					
Industrial Economics / Dr. Hamid Jassim			Required textbooks (methodology, if		

Hamid Al-Jumaili and others	any)
Industrial Economics Book / Dr. Medhat Kadhim Al-Quraishi / second edition, Amman, Dar Wael for Publishing and Distribution, 2005.	Main references (sources)
Industrial economics between theory and practice / written by: Dr. Muhammad Mahmoud Atwa	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course description form

1- Course name:					
Agricultural economic policies					
2- Course code					
ECB415					
3- Semester/year					
The second semester of the academic year 2025-2026					
4. The date this description was prepared					
21 / 9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (agricultural economic policies) Number of units (2)					
(30)study hours, 2 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Lacture. Diaa Abdel Razzaq Hassan email: diaarazaq@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Introducing the student to the foundations of agricultural economic policies 2- Explaining to the student agricultural economic policies, including agricultural marketing, agricultural plans, agricultural financing, and farm management					
9. Teaching and learning strategies					
1- Method of giving and lecturing. 2- .Discussion method					The strategy
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Self-evaluation and peer evaluation	Discussion and dialogue	Agricultural marketing concept	View and analyze	2	1
Homeworks	Discussion and dialogue	Agricultural marketing objectives	View and analyze	2	2
Homeworks	Discussion and dialogue	Marketing intermediaries	View and analyze	2	3
Homeworks	lecture	The concept of economic planning	View and analyze	2	4

Homeworks	lecture	The concept of agricultural planning	View and analyze	2	5
Oral exams	lecture	Types of agricultural plans	View and analyze	2	6
Homeworks	Lecture	Preparing the agricultural plan	View and analyze	2	7
-	-	First month exam	-	2	8
Oral exams	Discussion and dialogue	The concept of agricultural finance	View and analyze	2	9
Homeworks	lecture	Types of agricultural financing	View and analyze	2	10
Oral exams	Lecture	The importance of agricultural banks in the agricultural financing process	View and analyze	2	11
Homeworks	lecture	Farm management concept	View and analyze	2	12
Oral exams	Discussion and dialogue	Types of farms	View and analyze	2	13
Oral exams	Discussion and dialogue	Farm records	View and analyze	2	14
-	-	Second month exam	-	2	15

11. Course evaluation

Distribution of the grade out of 40 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Required textbooks (methodology, if any)	Salem Tawfiq Al-Najafi (Principles of Agricultural Economics)
Main references (sources)	Rahman Hassan Al-Musawi (agricultural economics), Salem Tawfiq Al-Najafi (principles of agricultural economics)
Recommended supporting books and references (scientific journals, reports....)	Nothing
Electronic references, Internet sites	Nothing

Course description form

1. Name of the course	
Knowledge economy	
2. Course code	
ECB420	
3. Semester/year	
The second semester of the academic year 2025-2026	
4. The date this description was prepared	
21 /9 / 2025	
5. Available attendance forms	
Classroom/electronic virtual	
6. Number of study hours (total) Number of units (total)	
hours 30	
7. Name of the course administrator (if more than one name is mentioned)	
Name : Assist lecturer Haitham Yousef Jalil Email : Haithemeco@uodiyala.edu.iq	
<ul style="list-style-type: none"> - Course objectives - The course aims to develop the skills of analyzing and interpreting economic phenomena through new concepts - Enhancing the student's ability to move from the classical economy to the digital economy and highlighting the tools of transformation - E-marketing and digital commerce skills 	
Objectives of the study subject	
Enabling students to obtain the knowledge required to understand economic theories and laws related to the knowledge economy	
8. Teaching and learning strategies	
<ul style="list-style-type: none"> - Class lectures in addition to virtual ones - Questions and brainstorming - Written and electronic tests - Discussion - Cooperative education - Note series 	The strategy

9. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Short tests- questions- Discussions- Request for - brief research papers	Class lectures in addition to the virtual classroom	The concept and definition of the knowledge economy	Enhancing the student's ability to move from the classical economy to the digital economy and highlighting the tools for transformation	2	1
		The development of the knowledge economy		2	2
		Characteristics of the knowledge economy		2	3
		the knowledge society		2	4
		The concept of globalization and the knowledge gap		2	5
		The importance of the knowledge economy		2	6
		Knowledge economy and human resources		2	7
		Knowledge economy and development		2	8
		Quarterly exams		2	9
		A comparison between traditional and cognitive economics		2	10
		The concept of value in the		2	11

	knowledge economy			
	The concept of costs and returns, knowledge economy		2	12
	The knowledge economy and the fourth industrial revolution		2	13
	Measuring the knowledge economy		2	14
	Quarterly exams		2	15

10.Course evaluation

The first month exam is 15 marks

The second month exam is 15 marks

Student participation with attendance and performance of required duties: 10 marks

The course grade is 40 degrees

The final exam score is 60

11.Learning and teaching resources .

	Required textbooks (methodology, if any)
Knowledge economy/Dr. Falih Hassan Khalaf Cognitive Economics/ Dr. Adnan Daoud Al-Adhari	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
Websites of the central banks of countries around the world, the Arab Monetary Fund, in addition to the websites of famous international economic magazines	Electronic references, Internet sites

Course description template

1. Course name:					
Professional methods and ethics					
2. Course code					
Methods and ethics / fourth stage					
3. Semester/year					
The second semester of the academic year 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(30) study hours, 2 hours per week					
. Name : lecturer . Dr. Omar Ahmed Hussein					7
Email: DrOmarahmed@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Understanding the framework of how to write scientific research					
2 -Introducing students to the concept of scientific research by learning how students write scientific research.					
3 -Interpreting the outputs and commenting on them.					
4 -Through his research, the researcher tries to satisfy and expand his need for knowledge.					
5 -The student's knowledge of studying a specific phenomenon or problem to identify the factors that led to its occurrence and come up with a result or treatment for the problem.					
6 -It teaches the student patience, enduring hardships, and not giving in to difficulties easily					
7 -Make the student familiar with the research topic					
8 -The student's ability to diagnose economic problems and believe in the role of science in solving problems.					
9. Teaching and learning strategies					
1-Method of giving and lecturing.					
2-Discussion method. The strategy					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	Week
Lecture	Oral exams	General	Definitions and	3	1

		concepts	concepts		
Discussion and dialogue	Self-evaluation and peer evaluation	Scientific research among the Arabs	Understanding characteristics	3	2
Discussion and dialogue	Self-evaluation and peer evaluation	Basic characteristics of scientific research	Understanding characteristics	3	3
Discussion and dialogue	Self-evaluation and peer evaluation	General methods and approaches for scientific research	Understanding characteristics	3	4
a lecture	Oral exams	Steps and stages of scientific research	Definitions and concepts	3	5
Discussion and dialogue	Self-evaluation and peer evaluation	The most important features of good research	View and analyze	3	6
Discussion and dialogue	Self-evaluation and peer evaluation	Characteristics of a good researcher	View and analyze	3	7
		First month exam/first semester	-	3	8
a lecture	Oral exams	Data collection methods and tools	View and analyze	3	9
a lecture	Oral exams	Data analysis and hypothesis testing	View and analyze	3	10
a lecture	Oral exams	Data classification and display	View and analyze		11
a lecture	Oral exams	Practical examples	View and analyze	3	12

a lecture	Oral exams	How to write scientific research sources	View and analyze	3	13
a lecture	Oral exams	Discussing the questions asked about methods and tools for collecting and documenting data	View and analyze	3	14
-	-	Second month exam	-	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Book of Scientific Research Methods, by Dr. Muhammad Azhar Al-Sammak and others, 1989. Required textbooks (methodology, if any)	Book of Scientific Research Methods, by Dr. Muhammad Azhar Al-Sammak and others, 1989. Required textbooks (methodology, if any)
The book Scientific Research Methods (An Applied Perspective) by Dr. Nabil Jumaa Al-Najjar and others. Main references (sources)	The book Scientific Research Methods (An Applied Perspective) by Dr. Nabil Jumaa Al-Najjar and others. Main references (sources)
Scientific research and the use of traditional and electronic information sources by Dr. Amer Kandilji (2007). Recommended supporting books and references (scientific journals, reports....)	Scientific research and the use of traditional and electronic information sources by Dr. Amer Kandilji (2007). Recommended supporting books and references (scientific journals, reports....)
Many networks and sites on the Internet, electronic references, Internet sites	Many networks and sites on the Internet, electronic references, Internet sites

Course description form

1- Course Name	
Development policies and experiences	
2- Course Code	
ECB414	
3- Study Year	
The first semester of the academic year	
4- Date of description prepared	
21 /9 / 2025	
5- Available attendance forms	
Theoretical and practical	
6- Number of study hours (total) Number of units (total)	
(45) hours of study, (3) hours per week	
7- Name of the course administrator	
Name: Assti Prof Dr. Nadia Mahdi Abdel Qader Email: nadiaeco@uodiyala.edu.iq	
8- Course objectives	
Understand the conceptual framework for development	
9- Introducing students to the concept of development by identifying the phenomenon of underdevelopment (structural imbalances), its characteristics and standards.	
10- How to deliver the lecture.	Strategies
11- Discussion method.	
12- Course Evaluation	
Distribution of the grade (100) according to the tasks assigned to the student, such as daily preparation, daily, monthly, practical, written exams, and reports.	
13- Learning and teaching resources	
Required prescribed books	Statistics - Ministry of Planning World Bank reports Book Introduction to Development Economics by Dr. Salem Tawfiq Al-Najafi And the book of planning and economic development by Dr. Ahmed Aref Al-Assaf United Nations Human Development Reports
14- Main references (sources)	

12- Course structure (The first course) 2023/2024

Evaluation method	Teaching method	Subject	Required learning outcomes	Hour	Week
Oral exams	Discussion and dialogue	Development Policies	View and analyze	3	1
Preparing reports	lecture	Savings Policy	View and analyze	3	2
Oral exams	Discussion and dialogue	Investment Policy	View and analyze	3	3
Oral exams	lecture	Fiscal policy	View and analyze	3	4
Oral exams	lecture	Monetary Policy	View and analyze	3	5
Preparing reports	lecture	Foreign Trade Policy	View and analyze	3	6
Oral exams	lecture	First month review	View and analyze	3	7
Oral exams	lecture	First month exam / second semester	View and analyze	3	8
Preparing reports	Discussion and dialogue	Agriculture & Development	View and analyze	3	9
Oral exams	lecture	Industry & Economic Development	View and analyze	3	10
Preparing reports	lecture	Foreign Trade & Development	View and analyze	3	11
Oral exams	lecture	Development Planning	View and analyze	3	12
Oral exams	Discussion and dialogue	Alternative models of development	View and analyze	3	13
Oral exams	Discussion and dialogue	Asian Models	View and analyze	3	14
Oral exams	Discussion and dialogue	Second month exam / second semester	View and analyze	3	15

**Department of
Economics**

The fourth stage

Chapter one

school year

2025-2026

Course description form

1. Course name:					
Economic feasibility study					
2. Course code:					
ECB417					
Economic feasibility study / fourth stage / symbol					
3. Semester/year:					
The first semester of the academic year 2025-2026					
4. The date this description was prepared:					
21 /9 / 2025					
5. Available forms of attendance:					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(45) hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assit Prof. Dr. Mohammed Noori Farhan Email: mohamedeco@uodiyala.edu.iq					
8. Course objectives:					
Objectives of the study subject					
1 - Introducing the student to the foundations of the economic feasibility study. 2- Providing the student with special topics and concepts. The economic feasibility study constitutes the starting point for delving into an advanced study of economics. 3- Explaining the importance and indicators of the economic feasibility study and its role in analyzing data for investment projects.					
9. Teaching and learning strategies					
1- Method of giving and lecturing. 2- Discussion method. The strategy					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Hours	week
Self-evaluation and peer evaluation	Discussion and dialogue	Definition of the economic feasibility study	Presentation and analysis	3	1
Oral exams	lecture	The importance of the feasibility study	Presentation and analysis	3	2

Home works	Discussion and dialogue	Feasibility study problems	Presentation and analysis	3	3
Home works	lecture	Initial feasibility studies and evaluation mechanism	Presentation and analysis	3	4
Home works	lecture	Detailed feasibility study	Applications and exercises	3	5
Oral exams	lecture	Marketing feasibility study	Presentation and analysis	3	6
Home works	—	Technical feasibility study	Applications and exercises	3	7
-	-	First month exam	-	3	8
Oral exams	Discussion and dialogue	Breakeven	Presentation and analysis	3	9
Home works	lecture	Environmental feasibility study	Presentation and analysis	3	10
Oral exams	Lecture and dialogue	Legal feasibility study	Presentation and analysis		11
Home works	lecture	Financial feasibility study	Presentation and analysis	3	12
Oral exams	Discussion and dialogue	Feasibility study indicators	Presentation and analysis	3	13
Oral exams	Discussion and dialogue	Internal return on viability	Presentation and analysis	3	14
-	-	Second month exam	-	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Feasibility study and evaluation of the efficiency of project performance / Dr. Yahya Ghani Al-Najjar	Required textbooks (methodology, if any)
Economic feasibility study book/Dr.	Main references (sources)

Hamid Al-Jumaili and others 2003	
	Recommended supporting books and references (scientific journals, reports...)
	Electronic references, Internet sites

Course description form

1. Name of the course					
Monetary theory 1					
2. Course code					
ECB421					
3. Semester/year					
2025-2026					
4. The date this description was prepared					
21/9/2025					
5. Available attendance forms					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
45 hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assit Prof Dr. Omar Mahmood Akawee omareco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1. Presentation of economic theories					
2. Empowering the student to solve economic problems and crises					
3. The course aims to clarify the relationship between the quantity of money and economic activity.					
9. Teaching and learning strategies					
The strategy			1. Method of giving the lecture 2. Discussion method		
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Homeworks	lecture	The concept of money, its types and functions	View and analyze	3	1
Interactive posts	lecture	Monetary system	View and analyze	3	2
Oral exams	lecture	Monetary rules	View and analyze	3	3
Homeworks	lecture	Classical theory	View and analyze	3	4

Interactive posts	lecture	Neoclassical theory	View and analyze	3	5
Homeworks	lecture	The Picot effect and the difference between the two theories	View and analyze	3	6
—	—	the first exam	—	3	7
Interactive posts	lecture	Keynesian theory	View and analyze	3	8
Interactive posts	lecture	Monetary theory	View and analyze	3	9
Oral exams	lecture	Swedish school theory	View and analyze	3	10
Homeworks	lecture	Contemporary analysis of demand for money	View and analyze	3	11
Interactive posts	lecture	Interest rate theories	View and analyze	3	12
Homeworks	lecture	Monetary and commodity balance	View and analyze	3	13
—	—	Second exam	—	3	14
Oral exams	lecture	Psychological theory	View and analyze	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Critical Theory Prof. Dr. Widad Younis Yahya Money and banks d. Awad Fadel	Required textbooks (methodology, if any)
critical theory/ Dr.. Abdel Moneim Sayed Ali	Main references (sources)
Fiscal and monetary policies Prof. Dr. Sami Khalil	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course description form

.1 Course name:					
Econometrics 1					
2. Course code					
ECB416					
3. Semester/year:					
First semester /2025-2026					
4. Date this description was prepared					
21 /9 / 2025					
5. Available forms of attendance: In person					
My presence					
6. Number of study hours (total) Number of units (total)					
45 hours, 3 hours per week for each semester					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Asist..prof. Ali Talib Hussein Email : alieconomics@uodiyala.edu.iq					
First: Introducing the student to the foundations of econometrics. Second: Explaining to the student how mathematical and statistical methods are used to measure economic indicators and functions and use them in economic analysis in order to enable the student to analyze economic phenomena. Third: Explain to the student that the primary goal of econometrics is to test economic theory					
Objectives of the study material: - The concept of econometrics is known. A2- Enumerate the sections of econometrics. A3- Draw a diagram to explain the relationship of econometrics to other sciences. A4- Explains the factors affecting the causes of the emergence of standard problems. A5- Explains the research methodology in econometrics					
9Teaching and learning strategies 1- Method of giving and lecturing. 2- Discussion method					
					The strategy
10-Course structure					
Evaluation method	Teaching method	Name of unit/or	Required learning	Hours	Week

		subject	outcomes		
<p>11 Course evaluation:</p> <p>First: Objective Test Items, which are divided into:</p> <p>1- True/False Items questions</p> <p>2- Multiple choice questions Multiple Choice Items</p> <p>3- Matching Items Interview Questions</p> <p>Second: Homework Assignments</p>					
<p>Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.</p>					
<p>12. Learning and teaching resources</p>					
<p>Dr. Hussein Ali Bakhit and Dr. Sahar Fathallah, Introduction to Econometrics, University House for Printing, Publishing and Translation, Baghdad, 2002.</p>					
<p>1- Dr. Walid Ismail Al-Saifu, Introduction to Econometrics, Dar Al-Kutub Directorate for Printing and Publishing, Mosul, 1988.</p>					

10. Course structure: First semester					
Evaluation method	Teaching method	Name of unit/or subject	Required learning outcomes	Hours	Week
Self-evaluation and peer evaluation	Discussion and dialogue	Definition and objectives of economic statistics	Definition and objectives of econometrics and the econometric model	3	1
Self-evaluation and peer evaluation	Discussion and dialogue	Definition and objectives of the agricultural census	Building econometric models	3	2
Oral exams	Lecture	Simple linear regression model	Model description stage	3	3
Self-evaluation and peer evaluation	Discussion and dialogue	Statistical measurements of exploited lands.	Statistical data collection stage	3	4
Homeworks	Lecture	Statistical measures of productivity of exploited lands.	Model estimation stage	3	5
Homeworks	Lecture	Statistical measures of change in yield per dunum.	Characteristics of coefficients estimated by the least squares method	3	6
Self-evaluation and peer evaluation	Discussion and dialogue	Reclaimed lands.	Hypothesis tests for the estimated coefficients and the standard model	3	7
Homeworks	Lecture	Application of statistical metrics	Predicting and building the occurrence of trust		8
Closed – book	-	Application of statistical metrics	Test of the first month of the first semester	3	9
Self-evaluation and peer evaluation	Discussion and dialogue	Components of agricultural output	Multiple regression analysis	3	11

Homeworks	Lecture	Agricultural output measures	Applying the least squares method to multiple regression	3	11
Self-evaluation and peer evaluation	Discussion and dialogue	Application of agricultural output statistics	Properties of least squares estimators using matrices	3	12
Homeworks	Lecture	Test of the first month of the first semester	Loan tests	3	13
Self-evaluation and peer evaluation	Discussion and dialogue	Animal population measurements		3	14
Closed – book	-	Animal reproduction measures	Regression and analysis of variance	3	15

Course description form

1- Course name:					
Comparative economic systems					
2- Course code					
ECB422					
3- Semester/year					
The first semester of the 2025-2026 academic year					
4.The date this description was prepared					
21 / 9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (Comparative economic systems) Number of units (2)					
(45)hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Asist. Prof Dr. Diao Hussein Saud					
Email: diaaeco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Introducing the student to the foundations of comparative economic systems					
2- Explaining to the student the capitalist, socialist and mixed systems					
9. Teaching and learning strategies					
1- Method of giving and lecturing.					The strategy
2- .Discussion method					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Self-evaluation and peer evaluation	Discussion and dialogue	The concept of economic system	View and analyze	3	1
Homeworks	Discussion and dialogue	Theories explaining economic systems	View and analyze	3	2
Homeworks	Discussion and dialogue	Elements and components of the economic system (how the economic system works)	View and analyze	3	3
Homeworks	lecture	The prevailing economic systems	View and analyze	3	4

		before the capitalist system			
Homeworks	lecture	The capitalist system, its origins and general characteristics	View and analyze	3	5
Oral exams	lecture	Historical stages of development of the capitalist system, monopoly capitalism	View and analyze	3	6
-	-	First month exam	-	3	7
Oral exams	Discussion and dialogue	Adaptation of capitalism to contemporary conditions	View and analyze	3	8
Homeworks	lecture	Keynes's treatments of the Great Depression crisis faced by the capitalist system	View and analyze	3	9
Oral exams	Lecture	Currents that reject Keynesian analyzes of the crisis	View and analyze	3	10
Homeworks	lecture	Elements of power in the capitalist system	View and analyze	3	11
Oral exams	Discussion and dialogue	Central socialism	View and analyze	3	12
Oral exams	Discussion and dialogue	Prices in the socialist system	View and analyze	3	13
Oral exams	Discussion and dialogue	Mixed economic system	View and analyze	3	14
-	-	Second month exam	-	3	15

11. Course evaluation

Distribution of the grade out of 40 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Required textbooks (methodology, if any)	Nothing
Main references (sources)	Sabri Abdel Aziz (Lectures on

	Economic Systems), Ahmed Munawar (Comparative Economic Systems), Munther Muhammad Radi (Economic Systems in the Twentieth Century), (Our Economy) by Mr. Muhammad Baqir al-Sadr
Recommended supporting books and references (scientific journals, reports....)	Nothing
Electronic references, Internet sites	Nothing

Course Description Form

1. Course name:					
Oil Economics					
2. Course code					
ECB419					
3. Semester/Year					
The first semester of the 2025-2026 academic year					
4. Date of preparation of this description					
21 /9 / 2025					
5. Available forms of attendance					
My presence					
6. Number of study hours (total) Number of units (total)					
30Hours					
7. Name of the course supervisor (if more than one name is mentioned)					
Name: Lecturer Dr. Yasser Ghanem Yahya Email: Yassereco@uodiyala.edu.iq					
8. Course objectives					
Subject objectives					
<p>1 . The student gains information about the components of the teaching program and the different divisions of teaching skills.</p> <p>2. The student links what he has studied about the lesson preparation plan and how to apply it in the field of specialization.</p> <p>3. The student concludes effective teaching methods for his field of specialization.</p>					
9. Teaching and learning strategies					
The student learns the components of the teaching program and the different divisions of teaching skills. He mentions the elements of the communication process and identifies the characteristics of a good sender and the obstacles to the communication process. He learns about educational objectives, their types, teaching methods, and types of evaluation.				The strategy	
10. Course structure					
Evaluation method	Learning method	Required learning outcomes	Name of the unit or topic	Hours	Week
Feedback	Lectures	View and analyze	Introduction to Oil	2	1
Feedback	Lectures	View and analyze	History and origin of oil	2	2
Self-evaluation	Discussion and	View and analyze	Types of oil	2	3

and peer evaluation	dialogue				
Oral exams	Lecture	View and analyze	Oil density scale	2	4
Preparing reports	Discussion and dialogue	View and analyze	Definition of petroleum economics and its characteristics	2	5
Oral exams	Lecture	View and analyze	First exam	2	6
Oral exams	Lecture	View and analyze	Oil industry stages	2	7
Oral exams	Lecture	View and analyze	Economic functions of oil	2	8
Preparing reports	The lecture	View and analyze	Oil Reserve	2	9
Oral exams	Discussion and dialogue	View and analyze	Oil stock	2	10
Oral exams	Discussion and dialogue	View and analyze	Oil stock	2	11
Preparing reports	Lecture	View and analyze	Stages of the oil industry	2	12
Oral exams	Lecture	View and analyze	Economic functions of oil	2	13
Preparing reports	Lecture	View and analyze	Second exam	2	14
Oral exams	Discussion and dialogue	-	review	2	15

11. Course Evaluation

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

12. Learning and teaching resources

	Required textbooks (methodology if any)
To choice	Main References (Sources)
	Recommended supporting books and references (scientific journals, reports...)
Diverse	Electronic references, websites

Course description form

1. Name of the course .1	
International financing	
2. Course code	
3. ECM413	
4. Semester/year	
The first semester of the 2025-2026 academic year	
5. The date this description was prepared	
21 /9 / 2025	
6. Available attendance forms	
Classroom/electronic virtual	
7. Number of study hours (total) Number of units (total)	
hours 30	
8. Name of the course administrator (if more than one name is mentioned)	
Name: Asist . Prof . Dr. Adnan Taha Karfu Email adnan.tahi@uodiyala.edu.iq	
9. Course objectives	
<ul style="list-style-type: none"> - Introducing students to the concept of international finance, its types and factors in its development - Introducing students to regional and international sources of international financing - Introducing students to international investment as a form of international financing and loans 	
Objectives of the study subject	
Enabling students to obtain the knowledge required to understand the economic theories and laws related to international finance	
10. Teaching and learning strategies	
<ul style="list-style-type: none"> - Class lectures in addition to virtual ones - Questions and brainstorming - Written and electronic tests - Discussion - Cooperative education - Note series 	The strategy

11.Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Short tests- questions- Discussions Request for - brief research papers	Class lectures in addition to the virtual classroom	The concept of international finance and its development factors	Enhancing the student's ability to understand international finance and the most important international financial institutions that support the national economy	2	1
		International financing sources		2	2
		Justifications Resorting to international financing		2	3
		Global indebtedness		2	4
		Financial institutions for international finance		2	5
		Balance of Payments		2	7
		International loans		2	8
		Monthly exam		2	9
		International bond market		2	10
		direct foreign investment		2	11
		Currency market		2	12
		Modern banking industry		2	13

		Financial crises		2	14
		Monthly exam		2	15
		General Review		2	

12.Course evaluation

The first month exam is 15 marks
The second month exam is 15 marks
Student participation with attendance and performance of required duties: 10 marks
The course grade is 40 degrees
The final exam score is 60

13.Learning and teaching resources

	Required textbooks (methodology, if (any
International finance. Theoretical and analytical foundations. Mayeh Shabib and Dr. Hassan Karim	Main references (sources)
	Recommended supporting books and references (scientific journals, (...reports
	Electronic references, Internet sites

Course description form

1. Name of the course						
2. Economic Planning1						
2. Course code						
ECB420						
Economic Planning\Fourth Phase						
3.semester/year						
The first semester of the academic year 2025-2026						
4.The date this description was prepared						
21 /9 / 2025						
5.. Available attendance forms						
6.Daily attendance according to the daily schedule						
Number of study hours (total) Number of units (total)						
30 hours of study, 2 hours per week						
7. Name of the course administrator (if more than one name is mentioned)						
Name: Assit Prof Dr . Nadia Mahdi Abdel Qader						
Email: nadiaeco@uodiyala.edu.iq						
8. Course objectives						
Objectives of the study subject						
<p>1- - Introducing the student to the foundations of economic planning</p> <p>2- Knowing the technical methods of economic planning and ways to prepare the economic plan</p> <p>Teaching the student the most important principles adopted when preparing the ..plan, and the most important features of the plan</p>						
9. Teaching and learning strategies						
1- Method of meeting for the lectureMethod scientific discussion with strategy students				-1	Method of meeting for the lecture. Method of scientific discussion with strategy students	
10. Course structure						
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week	
Self-evaluation and peer evaluation	Lecture	Definition of economic planning	View and analyze	2	1	
Questions and	lecture	The difference	View and	2	2	

discussion		between planning and other concepts	analyze		
Questions and tests	Lecture	Economic models	View and analyze	2	3
Questions and dialogue	Lecture	Planning objectives	View and analyze	2	4
Student questions and discussion	Lecture	Essentials of economic planning	View and analyze	2	5
Oral questions and discussions	Discussion and dialogue	Types of economic planning	View and analyze	2	6
Questions and discussion	Lecture	Types of economic planning	View and analyze	2	7
Oral exams	Lecture	Preparing the economic plan	View and analyze	2	8
Questions and discussion	Lecture	Preparing the economic plan	View and analyze	2	9
Questions and tests	Discussion and dialogue	Basics of the approach to developing an economic plan	View and analyze	2	10
Questions and dialogue	Lecture	First month exam	View and analyze	2	11
Questions and discussion	Lecture	Stages of preparing the economic plan	View and analyze	2	12
Questions and tests	Lecture	Stages of preparing the economic plan	View and analyze	2	13
Questions and dialogue	Discussion and dialogue	Principles for preparing the plan	View and analyze	2	14
--	--	review	View and analyze	2	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Economic Planning - by Dr. Jamal Daoud Salman and Dr. Taher Fadel Hassoun Economic Planning and National Accounts - Dr. Ahmed Jaber Badr	Required textbooks (methodology, if any)
	Main references (sources)

	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course Description Form

4- Course Name:	
Operations research	
5- Course Code:	
ECB418	
6- Semester / Year:	
The first semester of the 2025-2026 academic year	
7- Description Preparation Date:	
21/ 9/ 2025	
8- Available Attendance Forms:	
Attendance	
9- Number of Credit Hours (Total) / Number of Units (Total)	
30 Hours	
10- Course administrator's name (mention all, if more than one name)	
Name: Asist prof.Dr.Aqeel Hameed Farhan E-male: Aqeel_hameed@uodiyala.edu.iq	
11- Course Objectives	
Course Objectives	1- Providing the student with knowledge of operations research concepts, methods, and applications. 2- Assisting in the decision-making process in administration and all scientific branches. 3- Mathematical models are used to solve administrative and economic problems, and they can also be formulated in the form of example problems.
12- Teaching and Learning Strategies	
Strategy	A- Knowledge and science: A1- Enables students to know the basic concepts of operations research. A2- It enables students to know how to formulate a linear programming problem. A3- It enables students to know how to solve linear programming problems to reach the optimal solution.

	<p>A4- It enables students to know the problems of transportation and how to find the optimal solution to obtain the lowest transportation cost from the factory to the warehouses.</p> <p>A5- It enables students to know the problems of allocation and how to find the best allocation.</p> <p>A6- It enables students to know the project network and how to reach the critical path, as well as the duration of project completion.</p> <p>B- Subject-specific skills</p> <p>B1- Practical applications.</p> <p>B2- Formulating industrial and economic problems in a mathematical way that facilitates the process of reaching the optimal solution.</p> <p>B3- Reaching the optimal solution to transportation problems.</p> <p>B4- Reaching the optimal solution to the problems of allocation as well as the project network.</p>
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13- Course Structure

Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	Weeks
- Daily exams - Homework - Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	1
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	2
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	3
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	4
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	5
- Daily exams - Homework	Board and interactive	Personalization problem	Solve mathematical problems	2	6

Monthly exams	whiteboard				
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Methods of drawing networks	2	7
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	How to create tables for data in the project		8
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Method of evaluating and reviewing projects according to the Pierret method	2	9
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Calculating the probability of completing the project in a certain period	2	10
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Use the critical winding path method in the solution	2	11
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Accelerating the completion of the project in a shorter period than the winding path	2	12
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Solve various problems	2	13
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	A review of the problem of personalization and business networks	Solve various problems	2	14
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Final EXAM		2	15

14- Course Evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student,

such as daily preparation, daily, oral, monthly, written exams, reports, etc.

1- 60 marks for a final written exam,

1. 40 degrees related to the pursuit, divided into:

A) 5 attendance marks..

T) 15 marks for written exam.

d) 5 marks for oral exam..

15- Learning and Teaching Resources

Required textbooks (curricular books, if any)	1- Introduction to Operations Research, written by Dr. Dhaw Salman - Adnan Sham (methodological). 2- Operations research written Abd Dhiyab Jazaa (assistant)
Main references (sources)	Arabic + English sources
Recommended books and references (scientific journals, reports...)	All sources are good
Electronic References, Websites	Video lectures on YouTube

Course description template

1. Course name:					
Principles of Economics					
2. Course code					
RPB009					
Methods and ethics / fourth stage					
3. Semester/year					
First semester/first semester of the academic year 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(30) study hours, 2 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Prof. Dr. Alyaa Hussein Khalaf Al-Zarkroushi Email:: aliaeco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Understanding the framework of how to write scientific research					
2 Introducing students to the concept of scientific research by learning how students write scientific research.					
3 -Interpreting the outputs and commenting on them.					
4 -Through his research, the researcher tries to satisfy and expand his need for knowledge.					
5 -The student's knowledge of studying a specific phenomenon or problem to identify the factors that led to its occurrence and come up with a result or treatment for the problem.					
6 -It teaches the student patience, enduring hardships, and not giving in to difficulties easily					
7 -Make the student familiar with the research topic					
8 -The student's ability to diagnose economic problems and believe in the role of science in solving problems.					
9. Teaching and learning strategies					
1-Method of giving and lecturing.					
2-Discussion method. The strategy					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning	hours	Week

			outcomes		
Lecture	Oral exams	General concepts	Definitions and concepts	3	1
Discussion and dialogue	Self-evaluation and peer evaluation	Scientific research among the Arabs	Understanding characteristics	3	2
Discussion and dialogue	Self-evaluation and peer evaluation	Basic characteristics of scientific research	Understanding characteristics	3	3
Discussion and dialogue	Self-evaluation and peer evaluation	General methods and approaches for scientific research	Understanding characteristics	3	4
a lecture	Oral exams	Steps and stages of scientific research	Definitions and concepts	3	5
Discussion and dialogue	Self-evaluation and peer evaluation	The most important features of good research	View and analyze	3	6
Discussion and dialogue	Self-evaluation and peer evaluation	Characteristics of a good researcher	View and analyze	3	7
		First month exam/first semester	-	3	8
a lecture	Oral exams	Data collection methods and tools	View and analyze	3	9
a lecture	Oral exams	Data analysis and hypothesis testing	View and analyze	3	10
a lecture	Oral exams	Data classification and display	View and analyze		11
a lecture	Oral exams	Practical examples	View and analyze	3	12

a lecture	Oral exams	How to write scientific research sources	View and analyze	3	13
a lecture	Oral exams	Discussing the questions asked about methods and tools for collecting and documenting data	View and analyze	3	14
-	-	Second month exam	-	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Book of Scientific Research Methods, by Dr. Muhammad Azhar Al-Sammak and others, 1989. Required textbooks (methodology, if any)	Book of Scientific Research Methods, by Dr. Muhammad Azhar Al-Sammak and others, 1989. Required textbooks (methodology, if any)
The book Scientific Research Methods (An Applied Perspective) by Dr. Nabil Jumaa Al-Najjar and others. Main references (sources)	The book Scientific Research Methods (An Applied Perspective) by Dr. Nabil Jumaa Al-Najjar and others. Main references (sources)
Scientific research and the use of traditional and electronic information sources by Dr. Amer Kandilji (2007). Recommended supporting books and references (scientific journals, reports....)	Scientific research and the use of traditional and electronic information sources by Dr. Amer Kandilji (2007). Recommended supporting books and references (scientific journals, reports....)
Many networks and sites on the Internet, electronic references, Internet sites	Many networks and sites on the Internet, electronic references, Internet sites

**Department of
Economics**

The fourth stage

Chapter II

school year

2025-2026

Course description form

1. Name of the course					
Monetary theory 2					
2. Course code					
ECB412					
3. Semester/year					
The second semester of the academic year 2025-2026					
4. The date this description was prepared					
21/9/2025					
5. Available attendance forms					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
45 hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assit Prof Dr. Omar Mahmood Akawee					
Email : omareco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1. Presentation of economic theories					
2. Empowering the student to solve economic problems and crises					
3. The course aims to clarify the relationship between the quantity of money and economic activity.					
9. Teaching and learning strategies					
The strategy			1. Method of giving the lecture		
			2. Discussion method		
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Homeworks	lecture	The concept of money supply and its types	View and analyze	3	1
Interactive posts	lecture	Factors affecting the money supply	View and analyze	3	2
Oral exams	lecture	The concept	View and	3	3

		of monetary policy and its objectives	analyze		
Homeworks	lecture	Monetary policy tools	View and analyze	3	4
Interactive posts	lecture	The concept of central banks and their objectives	View and analyze	3	5
Homeworks	lecture	Independence of central banks	View and analyze	3	6
—	—	the first exam	—	3	7
Interactive posts	lecture	The concept of inflation, its types and effects	View and analyze	3	8
Interactive posts	lecture	Phillips curve concept	View and analyze	3	9
Oral exams	lecture	The concept of inflation targeting policies	View and analyze	3	10
Homeworks	lecture	The concept of exchange rate and its types	View and analyze	3	11
Interactive posts	lecture	Keynesian theory and monetary policy	View and analyze	3	12
Homeworks	lecture	Friedman's theory and monetary policy	View and analyze	3	13
—	—	Second exam	—	3	14
Oral exams	lecture	Modern Keynesians and Monetary Policy	View and analyze	3	15
11. Course evaluation					

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Critical Theory Prof. Dr. Widad Younis Yahya Money and banks d. Awad Fadel	Required textbooks (methodology, if any)
critical theory/ Dr.. Abdel Moneim Sayed Ali	Main references (sources)
Fiscal and monetary policies Prof. Dr. Sami Khalil	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course description form

1. Course name:					
Evaluation of economic projects					
2. Course code					
ECB417					
Evaluation of economic projects / fourth stage / symbol					
3. Semester/year					
The second semester of the academic year 2025-2026					
4. The date this description was prepared					
21 / 9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(45) hours of study, 3 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Assit Prof. Dr. Mohammed Noori Farhan					
Email: mohamedeco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Introducing the student to the foundations of evaluating economic projects. 2- Providing the student with topics and concepts, especially the evaluation of economic projects, which constitute the starting point for entering into an advanced study of economics. 3- Explaining the importance and indicators of evaluating economic projects and their role in analyzing data for investment projects.					
9. Teaching and learning strategies					
1- Method of giving and lecturing. 2- Discussion method.				The strategy	
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	Week
Self-evaluation and peer evaluation	Discussion and dialogue	Definition of project evaluation	View and analyze	3	1
Oral exams	Lecture	The importance of evaluating projects	View and analyze	3	2
Homeworks	Discussion	Project evaluation	View and	3	3

	and dialogue	problems	analyze		
Homeworks	Lecture	Fundamentals of project evaluation	View and analyze	3	4
Homeworks	Lecture	Project evaluation stages	Applications and exercises	3	5
Oral exams	Lecture	Project evaluation jobs	View and analyze	3	6
Homeworks	—	Levels of Performance Efficiency Evaluation	Applications and exercises	3	7
-	-	First month exam	-	3	8
Oral exams	Discussion and dialogue	The scope and objectives of evaluating the performance of public projects	View and analyze	3	9
Homeworks	Lecture	Performance indicators	View and analyze	3	10
Oral exams	Lecture and dialogue	Official bodies responsible for performance evaluation	View and analyze		11
Homeworks	Lecture	Conditions for creating an effective performance evaluation system	View and analyze	3	12
Oral exams	Discussion and dialogue	Standards for measuring performance efficiency	View and analyze	3	13
Oral exams	Discussion and dialogue	Determine criteria for measuring performance efficiency	View and analyze	3	14
-	-	Second month exam	-	3	15

11. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources	
Feasibility study and evaluation of the efficiency of project performance / Dr. Yahya Ghani Al-Najjar	Required textbooks (methodology, if any)
Economic feasibility study book/Dr. Hamid Al-Jumaili and others 2003	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course description form

. Course name:	
Econometrics 2	
2. Course code	
ECB416	
3. Semester/year:	
The second semester of the academic year 2025-2026	
4. Date this description was prepared:	
21 /9 / 2025	
5. Available forms of attendance: In person	
My presence	
6. Number of study hours (total) Number of units (total)	
45 hours, 3 hours per week for each semester	
7. Name of the course administrator (if more than one name is mentioned)	
Name: Assis Prof .Ali Talib Hussein	
Email : alieconomics@uodiyala.edu.iq	
<p>First: Introducing the student to the foundations of econometrics.</p> <p>Second: Explaining to the student how mathematical and statistical methods are used to measure economic indicators and functions and use them in economic analysis in order to enable the student to analyze economic phenomena.</p> <p>Third: Explain to the student that the primary goal of econometrics is to test economic theory</p>	
8- Objectives of the study material:	
<p>- The concept of econometrics is known.</p> <p>A2- Enumerate the sections of econometrics.</p> <p>A3- Draw a diagram to explain the relationship of econometrics to other sciences.</p> <p>A4- Explains the factors affecting the causes of the emergence of standard problems.</p> <p>A5- Explains the research methodology in econometrics</p>	
9-Teaching and learning strategies	
1- Method of giving and lecturing. 2- Discussion method	
	The strategy
10-Course structure	

Evaluation method	Teaching method	Name of unit/or subject	Required learning outcomes	Hours	Week
Self-evaluation and peer evaluation	Discussion and dialogue	Definition and objectives of economic statistics	Definition and objectives of econometrics and the econometric model	3	1
Self-evaluation and peer evaluation	Discussion and dialogue	Definition and objectives of the agricultural census	Building econometric models	3	2
Oral exams	Lecture	Simple linear regression model	Model description stage	3	3
Self-evaluation and peer evaluation	Discussion and dialogue	Statistical measurements of exploited lands.	Statistical data collection stage	3	4
Homeworks	lecture	Statistical measures of productivity of exploited lands.	Model estimation stage	3	5
Homeworks	lecture	Statistical measures of change in yield per dunum.	Characteristics of coefficients estimated by the least squares method	3	6
Self-evaluation and peer evaluation	Discussion and dialogue	Reclaimed lands.	Hypothesis tests for the estimated coefficients and the standard model	3	7
Homeworks	lecture	Application of statistical metrics	Predicting and building the occurrence of trust	3	8
Closed – book	-	Application of statistical metrics	Test of the first month of the first semester	3	9

Self-evaluation and peer evaluation	Discussion and dialogue	Components of agricultural output	Multiple regression analysis	3	11
Homeworks	lecture	Agricultural output measures	Applying the least squares method to multiple regression	3	11
Self-evaluation and peer evaluation	Discussion and dialogue	Application of agricultural output statistics	Properties of least squares estimators using matrices	3	12
Homeworks	lecture	Test of the first month of the first semester	Loan tests	3	13
Self-evaluation and peer evaluation	Discussion and dialogue	Animal population measurements		3	14
Closed – book	-	Animal reproduction measures	Regression and analysis of variance	3	15

-11 Course evaluation:

First: Objective Test Items, which are divided into:

- 1- True/False Items questions
- 2- Multiple choice questions Multiple Choice Items
- 3- Matching Items Interview Questions

Second: Homework Assignments

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12. Learning and teaching resources

Dr. Hussein Ali Bakhit and Dr. Sahar Fathallah, Introduction to Econometrics, University House for Printing, Publishing and Translation, Baghdad, 2002.

1- Dr. Walid Ismail Al-Saifu, Introduction to Econometrics, Dar Al-Kutub Directorate for Printing and Publishing, Mosul, 1988.

Course Description Form

1. Course name:					
Energy Economics					
2. Course code					
ECB419					
3.Semester/Year					
The second semester of the academic year 2025-2026					
4. Date of preparation of this description					
21/9/2025					
5. Available forms of attendance					
My presence					
6. Number of study hours (total) Number of units (total)					
30 Hours					
7. Name of the course supervisor (if more than one name is mentioned)					
Name : Lecturer Dr. Yasser Ghanem Yahya Email: Yassereco@uodiyala.edu.iq					
8. Course objectives					
Subject objectives					
<p>1 . The student gains information about the components of the teaching program and the different divisions of teaching skills.</p> <p>2. The student links what he has studied about the lesson preparation plan and how to apply it in the field of specialization.</p> <p>3. The student concludes effective teaching methods for his field of specialization.</p>					
9. Teaching and learning strategies					
The student learns the components of the teaching program and the different divisions of teaching skills. He mentions the elements of the communication process and identifies the characteristics of a good sender and the obstacles to the communication process. He learns about educational objectives, their types, teaching methods, and types of evaluation.				The strategy	
10. Course structure					
Evaluation method	Learning method	Required learning outcomes	Name of the unit or topic	Hours	Week
Feedback	Lectures		Introduction to Energy	2	1

Oral exams	Discussion and dialogue	Name of the unit or topic	Oil competes with non-renewable alternative sources	2	2
Self-evaluation and peer evaluation	Discussion and dialogue	Introduction to energy	Natural gas and coal	2	3
Oral exams	lecture	Oil competition for alternative non-renewable sources	Nuclear Energy	2	4
Homeworks	Discussion and dialogue	Natural gas and coal	Solar Energy	2	5
Homeworks	lecture	Nuclear Energy	First Exam	2	6
Homeworks	lecture	solar energy	Hydroelectricity	2	7
Oral exams	lecture	First exam	Wind energy	2	8
Homework	lecture	Hydropower	Geothermal energy	2	9
Oral exams	lecture	wind energy	Organic energy	2	10
Oral exams	Discussion and dialogue	Underground energy	Second exam	2	11
Homeworks	lecture	Oil stock	Review	2	12
Oral exams	Lecture and dialogue	Organic energy	View and analyze	2	13
Homeworks	lecture	Oil stock	View and analyze	2	14
Oral exams	Lecture and dialogue	Organic energy	View and analyze	2	15

11. Course Evaluation

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

12. Learning and teaching resources

	Required textbooks (methodology if any)
To choice	Main References (Sources)
	Recommended supporting books and references (scientific journals, reports...)
Diverse	Electronic references, websites

Course description form

1. Name of the course .1	
Financial institutions	
2. Course code	
ECB413	
3. Semester/year	
The second semester of the academic year 2025-2026	
4. The date this description was prepared	
21 /9 / 2025	
5. Available attendance forms	
Classroom/electronic virtual	
6. Number of study hours (total) Number of units (total)	
hours 30	
7. Name of the course administrator (if more than one name is mentioned)	
Name: Asist . Prof, Dr. Adnan Taha Karfua Email: adnan.tahi@uodiyala.edu.iq	
8. Course objectives	
<p>Introducing financial risks and how to reduce them</p> <p>Introducing financial intermediation institutions and their role in the economy</p> <p>Understanding deposit and borrowing operations in banks</p> <p>Introducing the capital owned by banks and how to manage it</p> <p>Introducing insurance companies, the mechanism for dealing with them, and the types of insurance contracts that are commonly used</p> <p>Introducing consumer and real estate lending institutions and the mechanism for dealing with them</p> <p>Introducing Islamic banks, ways to move towards the Islamization of traditional banks, and methods of dealing with those banks</p> <p>Understanding how to create investment funds, their types, and their importance in financial markets</p>	
Objectives of the study subject	
Enabling students to obtain the knowledge required to understand the theories and laws that regulate the work of financial institutions	
9. Teaching and learning strategies	
Class lectures in addition to virtual ones	The strategy

Questions and brainstorming Written and electronic tests Discussion Cooperative education Note series	
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10.Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Short tests- questions- Discussions- Request for - brief research papers	Class lectures in addition to the virtual classroom	the definition In institutions Finance and its functions, the definition Institutions Supervisory And its functions	The student's knowledge of financial institutions and financial intermedia tion for financial services	2	1
		the definition With assets Finance, Role Institutions Finance in Economy the National		2	2
		Institutions Mediation Finance, the definition With institutions Mediation Finance And its role in Economy		2	3
Short tests- questions- Discussions- Request for - brief research papers	Class lectures in addition to the virtual classroom	Institutions Finance International		2	4
		the definition With banks, features banks, Goals Drains		2	5
		Legislation Legal For banks, Organization Internal For banks, Statements Finance For banks		2	6
		structure Prices Benefit, Drains Specialized		2	7

	the definition With banks specialized, features Drains specialized, shapes Drains Specialized	2	8
	the bank Central And its functions	2	9
	the bank Central The Iraqi And his role in Economy	2	10
	the definition With banks Islamic And its importance and its objectives, nature a job Drains Islamic	2	11
	formulas Finance in Drains Islamic	2	12
	Insurance companies	2	13
	the definition Insurance companies and their importance And its goals	2	14
	nature a job Insurance companies	2	15

11.Course evaluation

The first month exam is 15 marks

The second month exam is 15 marks

Student participation with attendance and performance of required duties: 10 marks

The course grade is 40 degrees

The final exam score is 60

12.Learning and teaching resources

	Required textbooks (methodology, if any)
1. Hindi , Dr. Munira Ibrahim , Financial Facilities Management , facility Knowledge In Alexandria , 19th edition , 1981 2.Al -Shammari , Dr. Sadiq , Banking Management , House Safaa for printing And publishing And Distribution , 1st edition , 2008 3. george H, & Simonson, Donald G, bank management, John , Wily & Sons, Inc, 1999 4.fabozzi,frank,modigliani,franco,jones,frankj,foudatio	Main references (sources)

n of financial markets and institutions,inc,4th ed.2010	
	Recommended supporting books and references (scientific journals, reports) (...)
Websites of the central banks of countries around the world, the Arab Monetary Fund, in addition to the websites of famous international economic magazines	Electronic references , Internet sites

Course description form

1- Course Name	
Economic applications on the computer (Eviews)	
2- Course Code	
Econ 104	
3- Study Year	
The second semester of the academic year 2025-2026	
4- Date of description prepared	
21 /9 / 2025	
5- Available attendance forms	
Theoretical and practical	
6- Number of study hours (total) Number of units (total)	
(45) hours of study, (3) hours per week	
7- Name of the course administrator	
Name: Assistant Professor: Mohammed Layth Talal E-mail: mohammedeco@uodiyala.edu.iq	
8- Course objectives	
Understand the theoretical and practical framework of Eviews <ul style="list-style-type: none"> • Introducing students to the main program interface • How to enter and analyze data • How to use mathematical and statistical equations • How to implement the program tools • Knowledge of statistical measures and linear regression and their practical application 	
9- Teaching and learning strategies	
Method of delivery Discussion method. Applying the course practically	Strategies
10- Course Evaluation	
Distribution of the grade (100) according to the tasks assigned to the student, such as daily preparation, daily, monthly, practical, written exams, and reports.	
11- Learning and teaching resources	
Required prescribed books	Economic applications on the computer (Eviews)
12- Main references (sources)	- Books and periodicals. - Information network on the Internet. - The personal experience of the person teaching the course

12- Course structure (The first course) 2023/2024

Evaluation method	Teaching method	Subject	Required learning outcomes	Hour	Week
The theoretical and practical test	Lecture, question and answer	An introductory introduction to the Eviews program	Definitions and concepts	3	First
The theoretical and practical test	Lecture, question and answer	Basic elements in the program interface	Understanding characteristics	3	Second
The theoretical and practical test	Lecture, question and answer	Address bar and display abbreviations	Understanding characteristics	3	Third
The theoretical and practical test	Lecture, question and answer	Toolbar and groups	practical application	3	Fourth
The theoretical and practical test	Lecture and practical application	List view view	practical application	3	Fifth
The theoretical and practical test	Lecture and practical application	Quick list	practical application	3	VI
The theoretical and practical test	Lecture and practical application	The most important commands (option	practical application	3	Seventh

The theoretical and practical test	Lecture and practical application	Data entry and handling	practical application	3	VIII
The theoretical and practical test	Lecture and practical application	Time series	practical application	3	Ninth
The theoretical and practical test	Lecture and practical application	Statistical operations	practical application	3	Tenth
The theoretical and practical test	Lecture and practical application	Statistical operations	practical application	3	Eleventh
The theoretical and practical test	Lecture and practical application	Statistical metrics	practical application	3	Twelfth
The theoretical and practical test	Lecture and practical application	Measures of dispersion	practical application	3	Thirteenth
The theoretical and practical test	Lecture and practical application	Simple linear regression	practical application	3	Fourteenth
The theoretical and practical test	Lecture and practical application	Multiple linear regression	practical application	3	Fifteenth

Course description form

1. Name of the course					
Economic planning methods2					
2. Course code					
ECB420					
Economic Planning methods\Fourth Phase\Code (Econ)					
3.semester/year					
The second semester of the academic year 2025-2026					
4.The date this description was prepared					
21 /9 / 2025					
5.. Available attendance forms					
6.Daily attendance according to the daily schedule					
Number of study hours (total) Number of units (total)					
30 hours of study, 2 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Name: Asist. Prof.Dr: Nadia Mahdi Abdel Qader					
Email: nadiaeco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
<p style="margin-left: 40px;">1- Introducing the student to the foundations of economic planning</p> <p style="margin-left: 40px;">2- Knowing the technical methods of economic planning and ways to prepare the economic plan</p> <p style="margin-left: 40px;">Teaching the student the most important principles adopted when preparing the -3 plan, and the most important features of the plan.</p>					
9. Teaching and learning strategies					
1- Method of meeting for the lecture. 2- Method of scientific discussion with strategy students				-1	Method of meeting for the lecture. 2- Method of scientific discussion with strategy students
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Hours	the week
Self-evaluation and peer evaluation	Lecture	Definition of planning economic variables	View and analyze	2	1

Questions and discussion	Lecture	Investment planning	View and analyze	2	2
Questions and tests	Lecture	Consumption planning	View and analyze	2	3
Questions and dialogue	Lecture	Price planning	View and analyze	2	4
Student questions and discussion	Lecture	Manpower Planning	View and analyze	2	5
Oral questions and discussions	Discussion and dialogue	Manpower Planning	View and analyze	2	6
Questions and discussion	Lecture	Commodity scales	View and analyze	2	7
Oral exams	Lecture	Commodity scales	View and analyze	2	8
Questions and discussion	Lecture	User-Product tables	View and analyze	2	9
Questions and tests	Discussion and dialogue	First month exam	View and analyze	2	10
Questions and dialogue	Lecture	Characteristics and advantages of linear programming	View and analyze	2	11
Questions and discussion	Lecture	Characteristics and advantages of linear programming	View and analyze	2	12
Questions and tests	Lecture	Determine investment standards in central planning and decentralized planning	View and analyze	2	13
Questions and dialogue	Discussion and dialogue	Determine investment standards in central planning and decentralized planning	--	2	14
--	--	Review	View and analyze	2	15

11.Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12.Learning and teaching resources

Economic Planning - by Dr. Jamal Daoud Salman and Dr. Taher Fadel Hassoun	Required textbooks (methodology, if any)
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Economic Planning and National Accounts - Dr. Ahmed Jaber Badr	
	Main references (sources)
	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course Description Form

1- Course Name:	
Operations research2	
2- Course Code:	
ECB418	
3- Semester / Year:	
The second semester of the academic year 2025-2026	
4- Description Preparation Date:	
21 / 9 / 2025	
5- Available Attendance Forms:	
Attendance	
6- Number of Credit Hours (Total) / Number of Units (Total)	
Hours 30	
7- Course administrator's name (mention all, if more than one name)	
Name: Asist .Prof.Dr. Aqeel Hameed Farhan E-male: Aqeel_hameed@uodiyala.edu.iq	
8- Course Objectives	
Course Objectives	<p>1- Providing the student with knowledge of operations research concepts, methods, and applications.</p> <p>2- Assisting in the decision-making process in administration and all scientific branches.</p> <p>3- Mathematical models are used to solve administrative and economic problems, and they can also be formulated in the form of example problems.</p>
9- Teaching and Learning Strategies	
Strategy	<p>A- Knowledge and science:</p> <p>A1- Enables students to know the basic concepts of operations research.</p> <p>A2- It enables students to know how to formulate a linear programming problem.</p> <p>A3- It enables students to know how to solve linear programming problems to reach the optimal solution.</p> <p>A4- It enables students to know the problems of transportation and</p>

	<p>how to find the optimal solution to obtain the lowest transportation cost from the factory to the warehouses.</p> <p>A5- It enables students to know the problems of allocation and how to find the best allocation.</p> <p>A6- It enables students to know the project network and how to reach the critical path, as well as the duration of project completion.</p> <p>B- Subject-specific skills</p> <p>B1- Practical applications.</p> <p>B2- Formulating industrial and economic problems in a mathematical way that facilitates the process of reaching the optimal solution.</p> <p>B3- Reaching the optimal solution to transportation problems.</p> <p>B4- Reaching the optimal solution to the problems of allocation as well as the project network.</p>
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10- Course Structure					
Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	Week
- Daily exams - Homework - Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	1
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	2
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	3
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	4
- Daily exams - Homework Monthly	Board and interactive	Personalization problem	Solve mathematical problems	2	5

exams	whiteboard				
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Personalization problem	Solve mathematical problems	2	6
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Methods of drawing networks	2	7
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	How to create tables for data in the project	2	8
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Method of evaluating and reviewing projects according to the Pierret method	2	9
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Calculating the probability of completing the project in a certain period	2	10
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Use the critical winding path method in the solution	2	11
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Accelerating the completion of the project in a shorter period than the winding path	2	12
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Business network analysis	Solve various problems	2	13
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	A review of the problem of personalization and business	Solve various problems	2	14

		networks			
- Daily exams - Homework Monthly exams	Board and interactive whiteboard	Final EXAM		2	15

11- Course Evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

1- 60 marks for a final written exam,

1. 40 degrees related to the pursuit, divided into:

A) 5 attendance marks..

T) 15 marks for written exam.

d) 5 marks for oral exam..

12- Learning and Teaching Resources

Required textbooks (curricular books, any)

13- Introduction to Operations Research, written by Dr. Dhawiya Salman - Adnan Shamkhi (methodological).

14- Operations research written by Abd Dhiyab Jazaa (assistant)

Main references (sources)

Arabic + English sources

Recommended books and references (scientific journals, reports...)

All sources are good

Electronic References, Websites

Video lectures on YouTube

Course description template

1. Course name:					
Principles of Economics					
2. Course code					
Methods and ethics / fourth stage / code ((Econ 4333))					
3. Semester/year					
The second semester of the academic year 2025-2026					
4. The date this description was prepared					
21 /9 / 2025					
5. Available forms of attendance/					
Daily attendance according to the scheduled schedule					
6. Number of study hours (total) Number of units (total)					
(30) study hours, 2 hours per week					
7. Name of the course administrator (if more than one name is mentioned)					
Prof. Dr. Alyaa Hussein Khalaf Al-Zarkroushi					
Email:: aliaeco@uodiyala.edu.iq					
8. Course objectives					
Objectives of the study subject					
1- Understanding the framework of how to write scientific research					
2 -Introducing students to the concept of scientific research by learning how students write scientific research.					
3 -Interpreting the outputs and commenting on them.					
4 -Through his research, the researcher tries to satisfy and expand his need for knowledge.					
5 -The student's knowledge of studying a specific phenomenon or problem to identify the factors that led to its occurrence and come up with a result or treatment for the problem.					
6 -It teaches the student patience, enduring hardships, and not giving in to difficulties easily					
7 -Make the student familiar with the research topic					
8 -The student's ability to diagnose economic problems and believe in the role of science in solving problems.					
9. Teaching and learning strategies					
1-Method of giving and lecturing.					
2-Discussion method. The strategy					
10. Course structure					
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	Week

Lecture	Oral exams	General concepts	Definitions and concepts	3	1
Discussion and dialogue	Self-evaluation and peer evaluation	Scientific research among the Arabs	Understanding characteristics	3	2
Discussion and dialogue	Self-evaluation and peer evaluation	Basic characteristics of scientific research	Understanding characteristics	3	3
Discussion and dialogue	Self-evaluation and peer evaluation	General methods and approaches for scientific research	Understanding characteristics	3	4
a lecture	Oral exams	Steps and stages of scientific research	Definitions and concepts	3	5
Discussion and dialogue	Self-evaluation and peer evaluation	The most important features of good research	View and analyze	3	6
Discussion and dialogue	Self-evaluation and peer evaluation	Characteristics of a good researcher	View and analyze	3	7
a lecture	Oral exams	First month exam/first semester	-	3	8
a lecture	Oral exams	Data collection methods and tools	View and analyze	3	9
a lecture	Oral exams	Data analysis and hypothesis testing	View and analyze	3	10
a lecture	Oral exams	Data classification and display	View and analyze		11
a lecture	Oral exams	Practical examples	View and analyze	3	12
a lecture	Oral exams	How to write scientific research sources	View and analyze	3	13
a lecture	Oral exams	Discussing the questions asked about methods and tools for collecting and documenting data	View and analyze	3	14

-	-	Second month exam	-	3	15
11. Course evaluation					
Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.					
12. Learning and teaching resources					
Book of Scientific Research Methods, by Dr. Muhammad Azhar Al-Sammak and others, 1989. Required textbooks (methodology, if any)		Book of Scientific Research Methods, by Dr. Muhammad Azhar Al-Sammak and others, 1989. Required textbooks (methodology, if any)			
The book Scientific Research Methods (An Applied Perspective) by Dr. Nabil Jumaa Al-Najjar and others. Main references (sources)		The book Scientific Research Methods (An Applied Perspective) by Dr. Nabil Jumaa Al-Najjar and others. Main references (sources)			
Scientific research and the use of traditional and electronic information sources by Dr. Amer Kandilji (2007). Recommended supporting books and references (scientific journals, reports....)		Scientific research and the use of traditional and electronic information sources by Dr. Amer Kandilji (2007). Recommended supporting books and references (scientific journals, reports....)			
Many networks and sites on the Internet, electronic references, Internet sites		Many networks and sites on the Internet, electronic references, Internet sites			