

# Higher Diploma Program

## Course Description

University: Mosul Faculty: Business Administration and Economics Department: Economics

<b>1. Course Name and Stage of Study</b>	
Tax Accounting - Higher Diploma Project Evaluation	
<b>2. Code Course</b>	
ECD404	
<b>3. Semester / Year</b>	
First Semester / 2025-2026	
<b>4. description this of preparation of Date</b>	
1 / 9 / 2025	
<b>5. Available Attendance Forms</b>	
My presence in the classroom	
<b>6. Number of credit hours (total) / number of units (total)</b>	
Two hours / Two units	
<b>7. Course administrator's name (if more than one name) and scientific title</b>	
Name: Dr. Firas Aziz M. Jawad                      Email: <a href="mailto:firmasazizm@uomosul.edu.iq">firmasazizm@uomosul.edu.iq</a>	
<b>8. Course Objectives</b>	
Course Objectives	Tax accounting is a branch of the study in accounting and its main interest is to reach taxable income, as tax is an important source of state revenues and contributes to financing part of its expenditures and contributes to reducing income disparities and achieving an economic balance for the country.
<b>9. Teaching and learning strategies</b>	
Strategy	Face-to-face education in the classroom through lecture, dialogue, interaction, constructive criticism, brainstorming and knowledge maps. Blended learning through lectures and sending assignments and tasks assigned to them through the electronic classroom.



## 10. Course Structure

The week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3		The concept of tax and its objectives	Theoretical + solved examples and exercises	Assignments questions and
2	3		Tax evasion and its causes	Theoretical + solved examples and exercises	Assignments questions and
3	3		Elements of the tax system	Theoretical + solved examples and exercises	Assignments questions and
4	3		The concept of income and its sources	Theoretical + solved examples and exercises	Assignments questions and
5	3		Annual tax and its scope of application	Theoretical + solved examples and exercises	Assignments questions and
6	3		Tax allowances and exemptions	Theoretical + solved examples and exercises	Assignments questions and
7	3		Income estimation methods	Theoretical + solved examples and exercises	Assignments questions and
8	3		Deductible expenses	Theoretical + solved examples and exercises	Assignments questions and
9	3		First month exam	Theoretical + solved examples and exercises	Assignments questions and
10	3		Property tax	Theoretical + solved examples and exercises	Assignments questions and
11	3		Practical exercises for real estate tax	Theoretical + solved examples and exercises	Assignments questions and
12	3		Land tax	Theoretical + solved examples and exercises	Assignments questions and
13	3		Practical exercises for the land tax	Theoretical + solved examples and exercises	Assignments questions and
14	3		Second month exam	Theoretical + solved examples and exercises	Assignments questions and
15	3		Semester Final Exam		

## 11. Course Evaluation and Grade Divisions

Distributing the score 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)	<b>Tax Accounting, Abdel Aziz Mustafa and Talal Kaddawi, Second Edition, 2000</b>	
Key references (sources)		
Recommended supporting books and references (scientific journals, reports...)	<b>Tax Accounting, Mohammed Helou Al-Khorassan, First Edition 2018</b>	
Electronic references, websites	Authority Tax General	<a href="https://tax.mof.gov.iq/">https://tax.mof.gov.iq/</a>
	for accounting Tax corporate limited income	<a href="https://ur.gov.iq/index/show-eservice/40333/10044/org">https://ur.gov.iq/index/show-eservice/40333/10044/org</a>
Curriculum update rate		



Signature:

Teacher: Dr. Firas Aziz M. Jawad

Degree: Lecturer

Signature:

Head of Department: Dr. Aws Fakh Al-Din Al-Juwaijati

Professor Assistant :Degree

## Course Description

University: Mosul Faculty: Business Administration and Economics Department: Economics

<b>1. Course Name and Stage of Study</b>	
Financial Analysis - Higher Diploma Project Evaluation	
<b>2. Code Course</b>	
ECD410	
<b>3. Semester/Year</b>	
Second Semester / 2025-2026	
<b>4. description this of preparation of Date</b>	
1 / 9 / 2025	
<b>5. Available Attendance Forms</b>	
My presence in the classroom	
<b>6. Number of credit hours (total) / number of units (total)</b>	
Two hours / Two units	
<b>7. Course administrator's name (if more than one name) and scientific title</b>	
Name: Dr. Firas Aziz M. Jawad      Email: <a href="mailto:firmasazizm@uomosul.edu.iq">firmasazizm@uomosul.edu.iq</a>	
<b>8. Course Objectives</b>	
Course Objectives	The financial analysis course aims to provide students with a comprehensive set of analytical knowledge and skills necessary to interpret financial statements and evaluate the economic performance of institutions systematically and scientifically. It also teaches students how to compare the financial performance of different companies and understand the factors that influence these comparisons, such as industry and company size.
<b>9. Teaching and learning strategies</b>	
Strategy:	Face-to-face education in the classroom through lecture, dialogue, interaction, constructive criticism, brainstorming and knowledge maps. Blended learning through lectures and sending assignments and tasks assigned to them through the electronic classroom.



## 10. Course Structure

The week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3		Introduction to financial analysis, its importance and objectives	Theoretical + solved examples and exercises	Assignments questions and
2	3		Areas of use of financial analysis and stakeholders in financial analysis	Theoretical + solved examples and exercises	Assignments questions and
3	3		Introduction to the financial statements and their main elements	Theoretical + solved examples and exercises	Assignments questions and
4	3		Financial Analysis Tools	Theoretical + solved examples and exercises	Assignments questions and
5	3		Financial ratios and their nature as an analytical tool	Theoretical + solved examples and exercises	Assignments questions and
6	3		Financial analysis for short-term lending purposes	Theoretical + solved examples and exercises	Assignments questions and
7	3		Financial analysis for long-term lending purposes	Theoretical + solved examples and exercises	Assignments questions and
8	3		Practical exercises	Theoretical + solved examples and exercises	Assignments questions and
9	3		First month exam	Theoretical + solved examples and exercises	Assignments questions and
10	3		Analysis of profitability for administrative purposes	Theoretical + solved examples and exercises	Assignments questions and
11	3		Leverage and factors affecting the rate of return on equity	Theoretical + solved examples and exercises	Assignments questions and
12	3		Analysis for investment purposes and earnings per share	Theoretical + solved examples and exercises	Assignments questions and
13	3		Practical exercises	Theoretical + solved examples and exercises	Assignments questions and
14	3		Second month exam	Theoretical + solved examples and exercises	Assignments questions and
15	3		Semester Final Exam		

<b>11. Course Evaluation and Grade Divisions</b>		
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily, oral, monthly, written exams, reports ... etc.		
<b>12. Learning and Teaching Resources</b>		
		Required textbooks (methodology, if any)
Financial Analysis Using Accounting Data, Mahmoud Khalayleh, University of Jordan, Jordan, second edition, 1998.		Key references (sources)
Analysis and Discussion of Financial Statements, Ziad Hashem Al-Sakka and Qasim Mohsen Al-Hubaiti, University of Mosul, Iraq, First Edition, 2011		Recommended supporting books and references (scientific journals, reports...)
<a href="https://isc.gov.iq/">https://isc.gov.iq/</a>	Securities Iraqi Commission	Electronic references, websites
<a href="https://cosit.gov.iq/ar/national-accounts/financial-analysis">https://cosit.gov.iq/ar/national-accounts/financial-analysis</a>	- Analysis Financial of Bureau Central Statistics	
		Curriculum update rate

Signature:



Teacher: Dr. Firas Aziz M. Jawad

Degree: Lecturer



Signature:



Head of Department: Dr. Aws Fakhr Al-Din Al-Juwajati

Professor Assistant :Degree

**Course Description Form**  
**University: Mosul College: Administration and Economics**  
**Department : Economics**

<b>1. Course name and academic level</b>	
Macroeconomics / Diploma	
<b>2. Course code</b>	
ECD408	
<b>3. Semester/Year</b>	
Second semester/ 2025-2026	
<b>4. Description Preparation Date</b>	
9/9/2025	
<b>5. Available Attendance Forms:</b>	
presence	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
30/2	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name : Dr. Ruqayya Khalaf Hamad Email :rukaya_khalaf@uomosul.edu.iq	
<b>8. Course objectives</b>	
<p>The course aims to provide students with the theoretical foundations of economics and its methodology, and to analyze the nature of economic activity and its various economic fields at the macro-level, i.e., at the national economy level. This is achieved by providing them with the theoretical foundations of macroeconomics, studying major economic problems, and the policies necessary to address them.</p>	<p>Course objectives</p>

## 9. Teaching and learning strategies

Assessment is based on participation and discussion And the seminars Asking and answering questions, and linking topics with intellectual questions.

Strategy:

## 10. Course structure

Evaluation method	Teaching method	Name of unit or topic	Required learning outcomes	watches	week
Tests and discussions	Lecture and panel discussion	Classical theory hypotheses Say's Law traditional labor theory	Basics The implications of the theory	2	1
Tests and discussions	Lecture and panel discussion	classical theory quantity theory of money	Theoretical implications Sports relations	2	2
Tests and discussions	Lecture and panel discussion	Keynesian theory The simple Keynesian model	Theoretical implications Sports relations	2	3
Tests and discussions	Lecture and panel discussion	Keynesian theory The complex Keynesian model	Theoretical implications Sports relations	2	4
Tests and discussions	Lecture and panel discussion	Equilibrium in the commodity market IS	Theoretical implications Sports relations	2	5

Tests and discussions	Lecture and panel discussion	equilibrium in the money market LM	Theoretical implications Sports relations	2	6
-	-	exam	-	2	7
Tests and discussions	Lecture and panel discussion	consumption functions Absolute income theory (Keynes) Relative income theory (Duzenberry)	Theoretical implications Sports relations	2	8
Tests and discussions	Lecture and panel discussion	consumption functions Permanent income theory (Friedman) Life cycle theory (Modigliani)	Theoretical implications Sports relations	2	9
Tests and discussions	Lecture and panel discussion	inflation Types of inflation + Causes of inflation + Effects of inflation	Concept and implications	2	10
Tests and discussions	Lecture and panel discussion	Inflation theories (Demand-pull inflation + Cost-push inflation + Structural inflation + Imported inflation)	Theoretical reference	2	11



Tests and discussions	Lecture and panel discussion	unemployment (Concept + Types + Economic and Social Impacts)	Concept and implications	2	12
Tests and discussions	Lecture and panel discussion	Investment (Types + Objectives + Division + Relationships)	Concept, types and effects	2	13
Tests and discussions	Lecture and panel discussion	Budget deficit and public debt	Concept, criteria, problems and effects	2	14
-	-	exam	-	2	15

### 11. Course Evaluation and Grade Divisions

The grade is distributed out of 100 based on 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)
<ol style="list-style-type: none"> <li>1. Michael Ebdman, 1999, <i>Macroeconomics Theory and Politics</i> Translated by Muhammad Ibrahim Mansour, Al-Marikh Publishing House, Riyadh.</li> <li>2. Sami Khalil, 1994, <i>Macroeconomic Theory</i>, Books One and Two, Dar Al Nahda Al Arabiya, Cairo.</li> <li>3. Abdul Salam Al-Idrisi, 1986, <i>Macroeconomics</i>, University of Basra.</li> <li>4. Ezzat Qanawi, Naira Suleiman, 2005, <i>Fundamentals of Macroeconomics</i></li> <li>5. Muhammad Ahmad Al-Afandy, 2012, <i>Macroeconomic Theory: Policy and Practice</i>, Al-Amin Publishing and Distribution, Sana'a</li> </ol>	Main References (Sources)

-	Recommended supporting books and references (scientific journals, reports...)
-	Electronic references, websites
-	Curriculum update rate



**Dr. Aws Fakh al-Din Ayyoub**

**Dr. Ruqaya Khalaf Hamad**

## Course Description Form

1. Course Name:	
Applications of performance efficiency / Higher Diploma	
2. Course Code:	
ECD408	
3. Semester / Year:	
the second / 2025-2026	
4. Description Preparation Date:	
1/9/2025	
5. Available Attendance Forms:	
Weekly (three hours)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
3/2	
7. Course administrator's name (mention all, if more than one name)	
Dr. Omar Hisham Sabah      Email: omer_hisham@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>- Understanding classical and modern performance efficiency standards</li> <li>- Practical application of performance efficiency standards</li> <li>- Ability to link theory and practice</li> <li>- Ability to perform economic analysis</li> </ul>
9. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> <li>- Delivering lectures</li> <li>- Adopting a discussion and exploration approach</li> <li>- Using visual aids and brainstorming</li> </ul>
10. Course Structure	



Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Theoretical Introduction	The concept of performance efficiency and its standards	theoretical	Exam discussion assignments
2	3	Standards	Production capacity standard	applied	Exam discussion assignments
3	3	Standards	Productivity standard	applied	Exam discussion assignments
4	3	Standards	Staff Capacity Development Standard	applied	Exam discussion assignments
5	3	Standards	Added Value Index	applied	Exam discussion assignments
6	3	Standards	Return on Investment Index	applied	Exam discussion assignments
7	3	Standards	Value Analysis	applied	Exam discussion assignments
8	3	Standards	Manufacturing Grade Index	applied	Exam discussion assignments
9	3	Standards	Technology Score Index	applied	Exam discussion assignments
10	3	Standards	Environment and Sustainable Development Index	applied	Exam discussion assignments
11	3	Standards	Profitability criteria	applied	Exam discussion assignments
12	3	Standards	Profitability criteria	applied	Exam discussion assignments

13	3	Standards	Investment plan verification criteria	applied	Exam discussion assignments
14	3	Standards	Financial Solvency Standard	applied	Exam discussion assignments
15	3	Standards	Finance Based on Information Economy	applied	Exam discussion assignments

### 11. Course Evaluation

Distribution of the score out of 100 according to the tasks assigned to the student such as daily preparation, assignments, daily, monthly or written oral exams, reports, final exam...etc.

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Evaluating Investment Decisions - Dr. Talal Al-Kaddawi 2008
Main references (sources)	Feasibility Study and Project Evaluation - Mr. Abdel Aziz Mustafa 1998
Recommended books and references (scientific journals, reports...)	Evaluating the performance efficiency of Iraqi Islamic banks <a href="https://business.uokerbala.edu.iq">https://business.uokerbala.edu.iq</a>
Electronic References, Websites	5%



Name of the course holder

Asst. Prof. Dr. Abdul wahab Thanoon



Name of the HoD

Asst. P. Dr. Aws F. Ayub.



Course description template

College :Management and Economics  
 Department or branch :Economy

University: Mosul

<b>Course Name and the academic stage .١</b>	
Evaluation of Economic Performance Efficiency / Higher Diploma	
<b>Course Code .٢</b>	
ECB417	
<b>Term/Year .٣</b>	
First 2025-2026	
<b>Date this description was prepared .٤</b>	
25/8/2025	
<b>Available attendance formats .٥</b>	
Weekly attendance(Two theoretical hours)	
<b>Total number of study hours / Total number of units .٦</b>	
hours/ ٢ units 30	
<b>Name of the course coordinator (if More than one name is mentioned) and .٧</b>	
<b>academic title</b>	
<p><u>abdulwahhab</u>:-Dr. Abdulwahab Dhunoun Saadoun assistant professor Email:the name</p> <p style="text-align: right;"><a href="mailto:thanon@uomosul.edu.iq">thanon@uomosul.edu.iq</a></p>	
<b>Course Objectives .٨</b>	
<p>presentationThe theoretical foundations of the subject, as well as providing students with the principles and applications of economic performance evaluation standards</p> <p>To provide students with an advanced information base on the subject to enable them to prepare and write their higher diploma theses in their specific field in an effective, efficient and optimal manner</p>	<p style="text-align: right;">Course objectives</p> <div style="text-align: center;">  </div>

**Teaching and learning strategies . 4**

Direct education strategy  
 Indirect education strategy  
 Guided learning strategy  
 Discussion strategy  
 Comparison-based education strategy  
 Seminars  
 Brainstorming strategy

strategy

**Course Structure . 5**

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Duties	theoretical	The foundations and theoretical frameworks for studying the evaluation of economic performance efficiency	ExplanationThe foundations and theoretical frameworks for studying the evaluation of economic performance efficiency	γ	1
Duties	theoretical	Factors affecting economic performance	statementFactors affecting economic performance	γ	γ
Duties	theoretical	Stages foundations, and dimensions of economic performance evaluation	to explainStages foundations, and dimensions of economic performance evaluation	γ	γ
Duties	theoretical	Economic Performance Evaluation Criteria: An Overview	CountEconomic Performance Evaluation Criteria. An Overview	γ	ε
Duties	theoretical	Productivity standard	clarificationProductivity standard	γ	ο
Duties	theoretical	Production capacity standards	studyProduction capacity standards	γ	γ
Duties	theoretical	Value Added Standard	to explainValue Added Standard	γ	γ
Duties	theoretical	Return on invested capital criterion	clarificationReturn on invested capital criterion	γ	λ

<p>for the period (٢٠٠٢-٢٠٠٧) Master's thesis          College of Management and the          .economy University of Mosul          ,Al-Jubouri, Ziad Khalaf Khalil  <u>Evaluating the efficiency of the (٢٠٠٢)</u>  <u>General Company for Pharmaceutical</u>  <u>Industries and Supplies Medical SDI for</u>  <u>the period (١٩٨٠-١٩٩٠),</u> Master's          Thesis, College of Management and the          economy University of Baghdad</p>	
<p>Al-Issawi, Kadhim Jassim, (٢٠٠١), <u>studies</u>  <u>Feasibility Economic Project evaluation</u>          Al-Minhaj for Distribution and          .Publishing, Amman</p>	<p>Recommended supporting books and references          (...scientific journals, reports)</p>
	<p>Electronic references, websites</p>
<p>٪٢٠</p>	<p>Curriculum update rate</p>



Name of the course holder


Asst. Prof. Dr. Abdul wahab Thanoon



Name of the HoD

Asst. P. Dr. Aws F. Ayub.



1. Course Name:	
Economic feasibility study / diploma	
2. Course Code:	
ECD402	
3. Semester / Year:	
First semester/academic year 2025-2026	
4. Description Preparation Date:	
1/7/2025	
5. Available Attendance Forms:	
Two hours a week	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Two hours per week/Two units	
7. Course administrator's name (mention all, if more than one name)	
Name: Mustafa Fadhil Hummadi	
Email: mostafa_fadel@uomosul.edu.iq	
8. Course Objectives	
<p>Course Objectives</p> 	<ol style="list-style-type: none"> <li>1. Developing the student's abilities to understand economic projects.</li> <li>2. Enable the student to create a feasibility study.</li> <li>3. Enabling the student to choose between economic projects.</li> <li>4. Analyzing the impact of a change in one economic variable on other economic variables.</li> <li>5. Enabling the student to undertake economic planning in the areas of investment.</li> </ol>

### 9. Teaching and Learning Strategies

<b>Strategy</b>	Giving lectures - solving mathematical problems - discussions - brainstorming - classroom and home exercises - using electronic illustration tools such as (Power Point, Excel, etc.).
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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Know the stages that the feasibility study goes through	Stages of feasibility study and evaluation of economic projects	A theoretical lecture with illustrative examples	In-lecture questions and homework
2	3	The student's knowledge of the details of the feasibility study	Detailed feasibility study	A theoretical lecture with illustrative examples	In-lecture questions and homework
3	3	Understanding the relationships between project management and workers	Study aspects of project management	A theoretical lecture with illustrative examples	In-lecture questions and homework
4	3	The student's understanding of how to calculate project demand	market study	A theoretical lecture with illustrative examples	In-lecture questions and homework
5	3	Understanding environmental relationships and their impact on the project	Environmental feasibility	A theoretical lecture with illustrative examples	In-lecture questions and homework
6	3	Know the implications of	Returns and costs in	A theoretical lecture with illustrative examples	In-lecture questions and homework

		returns and costs	economic projects		
7	3	Understand how to convert values from future to present	Expected value, present value, discount factor, and basic hypothesis of the discount factor	A theoretical lecture with illustrative examples	In-lecture questions and homework
8	3	Understand how production factors affect feasibility	Criteria for evaluating partial projects	A theoretical lecture with illustrative examples	In-lecture questions and homework
9	3	How to evaluate projects based on criteria that do not use a discount factor	Business profitability criteria that do not depend on time preference	Examples and exercises	In-lecture questions and homework
10	3	How to evaluate projects based on criteria that use the discount factor	Business profitability criteria based on time preference	Examples and exercises	In-lecture questions and homework
11	3	How to evaluate the project from the community's point of view	National economic profitability standards	A theoretical lecture with illustrative examples	In-lecture questions and homework
12	3	Student understanding of indirect returns and costs	The concept of national economic profitability and indirect effects of the project	A theoretical lecture with illustrative examples	In-lecture questions and homework
13	3	How to overcome	Difficulties and problems facing	Practical lecture with	In-lecture questions

		difficulties related to social norms	the criterion of national economic profitability	mathematical examples	and homework
14	3	Helping the student calculate returns and indirect costs	Calculating social returns and costs	Examples and exercises	In-lecture questions and homework
15	3	Understanding applications of social norms	Criteria for evaluating projects from the point of view of national economic profitability	Examples and exercises	In-lecture questions and homework

#### 11. Course Evaluation

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

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Abdul Aziz Mustafa and Talal Kadawi, 1999, Project Evaluation and Feasibility Studies, Dar Ibn Al-Atheer for Printing and Publishing.
Main references (sources)	<p>1- Abdul Aziz Mustafa and Talal Kadawi, 1999, Project Evaluation and Feasibility Studies, Dar Ibn Al-Atheer for Printing and Publishing.</p> <p>2- Talal Kawin, Evaluation of Economic Projects, 2006</p> <p>3- Mustafa Fadel Hammadi, 2006, Analyzing the feasibility of projects between positive economics and Islamic economics, Master's thesis,</p>



	College of Administration and Economics, University of Mosul.  4- Khalil Muhammad Khalil Attia, Economic Feasibility Studies, Cairo University
Recommended books and references (scientific journals, reports...)	Higher diploma theses in the department
Electronic References, Websites	1- Nabil Abdel Salam Shaker, economic feasibility studies and evaluation of new projects, Ain Shams University  Khalil Muhammad Khalil Attia, Economic Feasibility Studies, Cairo University



*[Handwritten signature of Dr. Mustafa Fadhil Humadi]*

Name and signature of the decision holder

*[Handwritten signature of Aws. F. Jweidtee]*

Name and signature of the head of the department

Dr. Mustafa Fadhil Humadi      Aws. F. Jweidtee

## Course description template

University: Mosul College: Administration and Economics Department : Economics

<b>1. Course name and academic level</b>					
Scientific research methodology/ <b>Diploma</b>					
<b>2. Course code</b>					
<b>3. Term/Year</b>					
Second semester of the academic year (2025-2026)					
<b>4. Date this description was prepared</b>					
2026/1/1					
<b>5. Available attendance formats</b>					
In-person lectures (1) hour per week					
<b>6. Number of study hours (total) / Number of units (total)</b>					
actual study hours (15) weeks 15					
<b>7. Name of the course coordinator (if there is more than one, please state it) and academic title</b>					
Name: Dr. Nizar Sadiq Elias Al-Qahwaji      Email: nizaraqahwachi66@uomosul.edu.iq					
<b>Course Objectives .8</b>					
<p><b>Knowing general concepts in scientific research, being familiar with the most important scientific research methods, clarifying the most important scientific trends for researchers, as well as clarifying the most important steps of scientific research, and how to conduct research, and then identifying the obstacles to scientific research that researchers in economic sciences face, and ,how to highlight the researcher's personality when writing scientific research through choosing the research problem, and developing a comprehensive research plan and methodology. At the end of the course, the diploma student will be able to evaluate research in terms of form, and be familiar with how to conduct sound scientific research</b></p>					Course objectives
<b>Teaching and learning strategies .9</b>					
<p><b>.Strategies (evaluating performance efficiency, guided discussions on the topic .(and conducting research of various types</b></p>					:Strategy
<b>Course Structure .10</b>					
Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Tests of all kinds	Lectures	Foundations of scientific research	The ability to diagnose the most important obstacles to scientific research, its characteristics, and its concept	1	1
Tests of all kinds	Lectures	Scientific research methods	To learn about scientific research methods and discuss	1	2

			the differences between them		
Tests of all kinds	Lectures	Types of scientific research	Understanding the types and objectives of scientific research	1	3
Tests of all kinds	Lectures	Steps or stages of preparing scientific research	Discussion of the most important steps in preparing scientific research	1	4
Tests of all kinds	Lectures	Methods and approaches of scientific research	Understanding scientific research methodologies	1	5
Tests of all kinds	Lectures	Scientific research methodology	Understanding how to prepare a research plan and scientific research methodology	1	6
Tests of all kinds	Lectures	,Data collection classification and analysis processes	,Concept, importance and types	1	7
exam	exam	First exam	exam	1	8
Tests of all kinds	Lectures	Scientific research tools	,Concept, importance and types	1	9
Tests of all kinds	Lectures	Induction and reasoning	Understanding induction and deduction, and the difference between them	1	10
Tests of all kinds	Lectures	Data analysis and interpretation	Understanding how to analyze and interpret data	1	11
Tests of all kinds	Lectures	Regression and Correlation	The concept, its importance, and the difference between them	1	12
Tests of all kinds	Lectures	A guide to writing letters and dissertations	Understanding the correct mechanism for sequencing and formatting the message content and how to establish sources	1	13
Tests of all kinds	Lectures	A guide to writing letters and dissertations	Understanding the correct mechanism for sequencing and formatting the message content and how to establish sources	1	14
exam	exam	Second exam	exam	1	15

### 11. Course evaluation and grade breakdown

The coursework grade is distributed as follows: 30% based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, and seminars. Then, an end-of-course exam is conducted, comprising 70%, to make the final grade for the course material 100%

**12. Learning and teaching resources****Required textbooks (methodology, if applicable)**

- Jabreen, Ali, and Al-Ghadir, Hamad, 2001, Fundamentals of Scientific Research and Writing Scientific and Practical Reports Dar and Library of Al-Hamid for Publishing and Distribution, First Edition, Amman
- Al-Mousawi, Rahman Hassan Ali, 2016, Scientific Research Methodology, Ministry of Higher Education and Scientific Research, Baghdad
- Abdul Karim, Abdul Aziz Mustafa, and Kadawi, Talal Mahmoud Fundamentals of Scientific Research in the Humanities ,2006 (Economic, Administrative, Accounting and Financial), University of Mosul
- Al-Sammak, Muhammad Azhar, Al-Fahdawi, Qubais Saeed, and Al-Safawi, Safaa Younis, 1989, Principles of Scientific Research Salahaddin University Press, Third Edition
- Al-Dhamin, Munther, 2007, Fundamentals of Scientific Research Dar Al-Maysara for Printing, Publishing and Distribution, First Edition, Amman

**Main references  
(sources)**

nothing

,Electronic references  
websites

%15

:Curriculum update rate



Name and Significant of the Lecturer  
Dr. Nizar Siddeek Elias Al-Qahwachi

Name and Significant The Head of Department  
Dr. Aws Fakher Al-Juwaijati

## Course Description Form

1. Course Name:

Applications in economic feasibility studies

2. Course Code:

3. Semester / Year:

Second semester 2025-2026

4. Description Preparation Date:

1- 9 - 2025

5. Available Attendance Forms: Student attendance lists

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

Two hours a week

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

Name: Assist. Prof. Dr. Mohammed Waheed Hasan

Email: [mohamed\\_waheed@uomosul.edu.iq](mailto:mohamed_waheed@uomosul.edu.iq)

8. Course Objectives

Course Objectives



Explaining the possibility of establishing the project practically or not a commodity imported from abroad based on partial criteria.

The ability for students to choose the best alternative from among practically available alternatives for economic projects (industrial agricultural) according to the criteria used.

Explaining the impact of rising prices on both returns and costs and the evaluation criterion


Analyzing the project' s sensitivity according to changes in costs , revenues in its three scenarios.

Choosing an economic project from among the available alternatives accordance with the country' s policy (such as reducing unemployment rate or supporting policy for service projects).

## 9. Teaching and Learning Strategies

<b>Strategy</b>	<ol style="list-style-type: none"> <li>1. Direct education strategy.</li> <li>2. Indirect education strategy</li> <li>3. Directed education strategy</li> <li>4. Discussion strategy</li> <li>5. Learning strategy based on preparing reports</li> <li>6. Brainstorming strategy</li> </ol>
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## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2		Basic vocabulary of the subject		
2	2	Guidance in the initial evaluation of the project	Partial standards	Theory and exercises	Questions, assignments and seminars
3	2	Explaining the possibility of establishing the project practically or not for a commodity imported from abroad	Standard of the extent of benefiting from foreign exchange	Theory and exercises	Questions, assignments and seminars
4	2		Commercial profitability criteria: A. Standards that do not care about the timing of cash flows (average annual profit standard and payback period standard).	Theory and exercises	Questions, assignments and seminars
5	2	Reaching the point where costs equal revenues	Break-even point standard	Theory and exercises	Questions, assignments and seminars

6	2		B. Criteria that concern the timing of cash flows	Theory and exercises	Questions, assignments and seminars
7	2	<b>First Exam</b>	<b>First Exam</b>	<b>First Exam</b>	<b>First Exam</b>
8	2	To know whether to accept or reject the project and choose the best alternative	Net present value standard	Theory and exercise	exercises, questions and assignments
9	2	to accept or reject the project and choose the best alternative	Standard present value of return on cost And the discounted annual return standard	Theory and exercise	exercises, questions and assignments
10	2	to accept or reject the project and choose the best alternative	Internal rate of return standard	Theory and exercise	exercises, questions and assignments
11	2	to accept or reject the project and choose the best alternative	Associated cost standard (minimum cost)	Theory and exercise	exercises, questions and assignments
12	2	Statement of price changes in the evaluation process	Monetary inflation and project evaluation	Theory and exercise	exercises, questions and assignments
13	2	Explain the effect of price changes for inputs and outputs on the evaluation factor	Sensitivity analysis and project evaluation	Theory and exercise	exercises, questions and assignments



14	2	To judge whether or not to accept the project	An applied example of feasibility study	Theory and exercise	exercises, questions and assignments
15	2	<b>Second Exam</b>	<b>Second Exam</b>	<b>Second Exam</b>	<b>Second Exam</b>

### 11. Course Evaluation

Distribution of the score out of 100 according to the tasks assigned to the student such as daily preparation, assignments, daily, monthly or written oral exams, reports, final exam...etc.

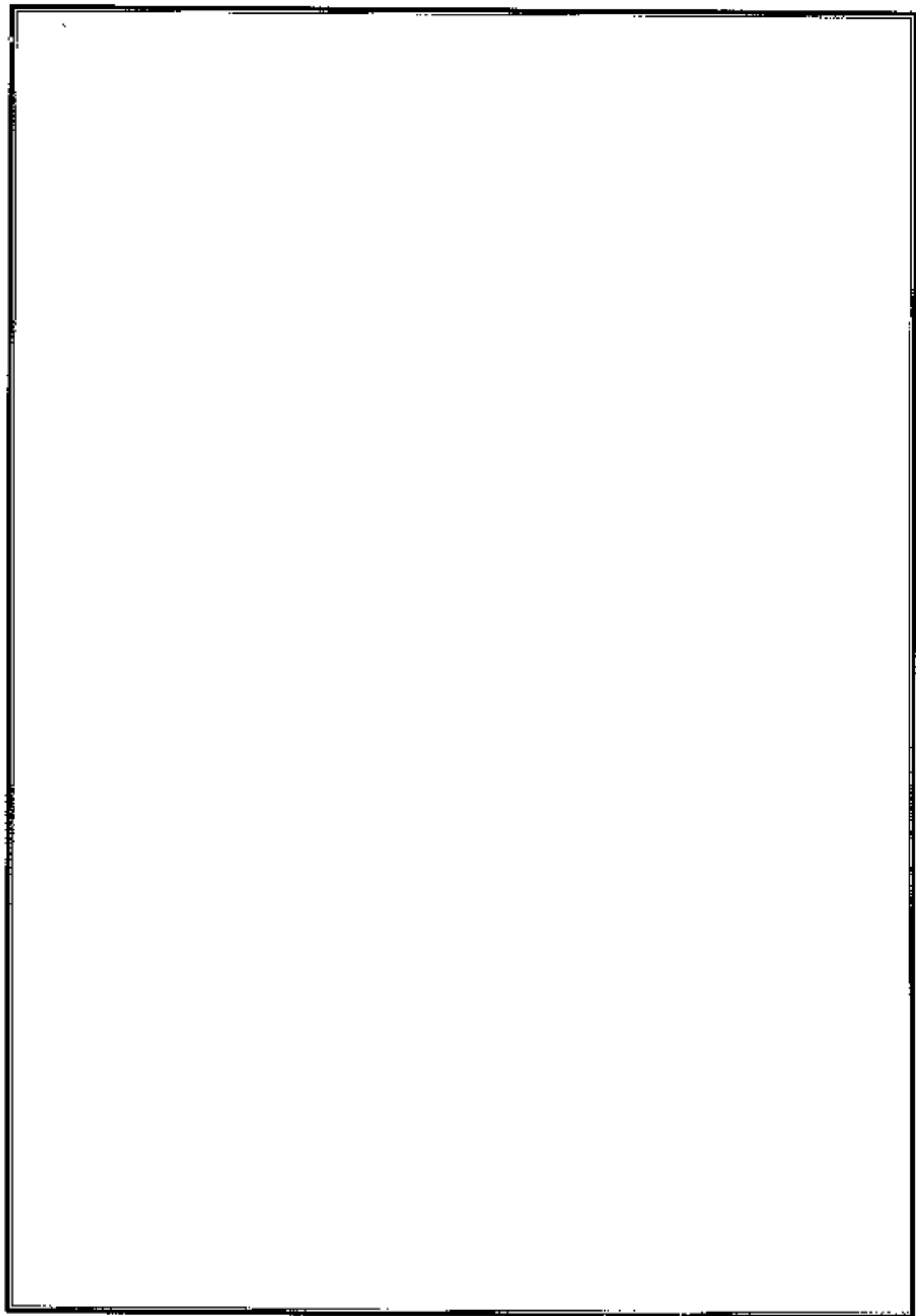
### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Abdul Karim and Kaddawi, Abdul A Mustafa and Talal Mahmoud, 1994, Evaluation of Economic Projects: A Study of the Analysis of Economic Feasibility and Performance Efficiency, second edition, Dar Al-Kutub for Printing and Publishing, Mosul.
Main references (sources)	<p>Al-Quraishi, Medhat Kazem, 2009, Economic Feasibility Studies and Evaluation of Industrial Projects, first edition, Wael Publishing House, Amman, Jordan.</p> <p>Al-Shammari, Khaled Tawfiq, 2010, Financial and Economic Analysis in a Project Evaluation and Feasibility Study, first edition, Wael Publishing House, Amman, Jordan.</p> <p>Kaddawi, Talal Mahmoud, 2009, Evaluation of Investment Decisions, first edition, Dar Al-Atheer for Printing and Publishing, University of Mosul.</p>
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	



اوسونان

Handwritten signature and date: 2019



## Course Description Form

1. Course Name:	
<b>Microeconomics – Higher Diploma</b>	
2. Course Code:	
<b>ECD401</b>	
3. Semester / Year:	
<b>First semester 2025-2026</b>	
4. Description Preparation Date:	
<b>1/7/2025</b>	
5. Available Attendance Forms:	
<b>Student attendance lists</b>	
6. Number of Credit Hours (Total) / Number of Units (Total)	
<b>2 hour per week</b>	
7. Course administrator's name (mention all, if more than one name)	
Name: <b>Dr. Alaa Wajeh Mahdi</b> Email: : <a href="mailto:alaa_wajeh@uomosul.edu.iq">alaa_wajeh@uomosul.edu.iq</a>	
8. Course Objectives	
<b>Course Objectives</b>	<b>Introducing the student to microeconomic theories and comparing traditional and modern theory, as well as enabling the student to expand on analysis, draw curves correctly, and use mathematical applications in microeconomic theories.</b>
9. Teaching and Learning Strategies	
<b>Strategy</b>	<ol style="list-style-type: none"> <li>1. Direct education strategy.</li> <li>2. Indirect education strategy</li> <li>3. Directed education strategy</li> <li>4. Discussion strategy</li> <li>5. Learning strategy based on preparing reports</li> <li>6. Brainstorming strategy</li> </ol>
10. Course Structure	



Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Learn about the basics of ordering	Demand theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
2	2	Learn about elasticities of demand and the demand function	Demand theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
3	2	Learn about the basics of presentation and application of elasticities	Supply theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
4	2	Identifying balance and applications on balance	Equilibrium theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
5	2	Learn about traditional utility theory	Utility theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
6	2	Learn about modern utility theory	Indifference curve theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
7	2	Learn about the basics of production and the law of diminishing returns	Production theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments



8	2	Identify some applications and mathematical derivations in production	Production theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
9	2		First semester exam		
10	2	Identify costs and their types	Cost theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
11	2	Mathematical derivations of costs	Cost theory	Theory, mathematical examples, and graphical shapes	Seminars and assignments
12	2	Identify market characteristics and balance	Perfect competition market	Theory, mathematical examples, and graphical shapes	Seminars and assignments
13	2	Identify market characteristics and balance	Monopolistic competition market	Theory, mathematical examples, and graphical shapes	Seminars and assignments
14	2	Identify market characteristics and balance	Total monopoly market	Theory, mathematical examples, and graphical shapes	Seminars and assignments
15	2		Second semester exam		

#### 11. Course Evaluation

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



## 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

- الاقتصاد الجزئي، المفاهيم والتطبيقات، جي هولتن ولسون، ترجمة الدكتور كامل سلمان العاني، دار المريخ للنشر، 1987 .
- محاضرات في الاقتصاد الجزئي، دروس وتمارين محلولة، اعداد الدكتور طويطي مصطفى، كلية العلوم الاقتصادية، التجارية وعلوم التسيير، جامعة اكلي محند او لحاج، 2014 .
- محاضرات في الاقتصاد الجزئي، أ.د. اثيل عبد الجبار الجومرد، جامعة الموصل، كلية الادارة والاقتصاد، قسم الاقتصاد.
- محاضرات في التحليل الاقتصادي الجزئي مدعمة بأمتلة محدودة، اعداد الدكتور جاب الله مصطفى، جامعة محمد بوضياف- المسيلة- كلية العلوم الاقتصادية والادارية وعلوم التسيير،

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

Electronic References, Websites

Refresh rate

10%

اسم وتوقيع رئيس القسم او الفرع  
أ.م.د. اوس فخر الدين ايوب



اسم وتوقيع صاحب المقرر  
أ.م.د. علاء وجيه مهدي

### Course Description Form

<b>1. Course Name:</b>	Financial Management / Higher Diploma
<b>2. Course Code:</b>	
<b>3. Semester / Year:</b>	Second Semester / 2025-2026
<b>4. Description Preparation Date:</b>	1/jan./2026
<b>5. Available Attendance Forms:</b>	Classroom/e-learning
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	Two hours per week / 1 units
<b>7. Course administrator's name (mention all, if more than one name)</b>	Name: Assist. Prof. Dr. Ashti Abdulsattar Abdulghani Email: ashti_abdulsattar@uomosul.edu.iq
<b>8. Course Objectives</b>	<p>Studying the financial management course for a Higher Diploma in the Department of Banking and Financial Sciences typically aims to achieve the following objectives:</p> <ul style="list-style-type: none"><li>• <b>Understanding Financial Concepts:</b> To provide students with a solid understanding of financial principles, including financial statements analysis, budgeting, financial forecasting, and cash flow management.</li><li>• <b>Developing Financial Decision-Making Skills:</b> To equip students with the skills necessary to make informed financial decisions, including investment analysis, capital budgeting, financing decisions, and risk management.</li><li>• <b>Enhancing Financial Planning Abilities:</b> To help students develop the ability to create comprehensive financial plans for individuals, businesses, or organizations, considering factors such as financial goals, risk tolerance, and regulatory requirements.</li><li>• <b>Preparing for Professional Roles:</b> To prepare students for various roles in finance-related professions, such as financial analysts, financial managers, investment advisors, or corporate finance officers, by providing them with practical knowledge and skills relevant to the industry.</li></ul>
<b>9. Teaching and Learning Strategies</b>	<p>The teaching and learning strategy for the financial management subject typically involves a combination of theoretical instruction, practical application, case studies, and interactive activities. Here's a breakdown of the common strategies used:</p>



- **Lectures:** Traditional lectures are used to introduce key financial management concepts, theories, and frameworks. These lectures provide students with foundational knowledge on topics such as financial analysis, investment appraisal, capital budgeting, and financial markets.
- **Case Studies:** Real-world case studies are employed to illustrate the application of financial management principles in practical scenarios. Analyzing case studies helps students develop critical thinking skills and understand how financial theory translates into practice.
- **Problem-Solving Exercises:** Problem-solving exercises and assignments are used to reinforce students' understanding of financial management concepts. These exercises typically involve analyzing financial data, performing calculations, and making recommendations based on financial analysis.
- **Simulation Exercises:** Financial management simulations provide students with the opportunity to apply theoretical concepts in simulated business environments. These simulations allow students to make financial decisions, manage budgets, and evaluate outcomes in a risk-free setting.
- **Continuous Assessment:** Regular quizzes, tests, and assignments are used to assess students' comprehension of financial management concepts and their ability to apply them in various scenarios. Continuous assessment provides feedback to students and instructors and helps monitor students' progress throughout the course.

#### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-2	6	<ul style="list-style-type: none"> <li>• Understand the role and importance of financial management in organizations.</li> <li>• Identify the key objectives and functions of financial management.</li> <li>• Explain the financial decision-making process and its impact on organizational performance.</li> </ul>	Introduction to Financial Management:	Lecture	assignments evaluation
3-4	3	<ul style="list-style-type: none"> <li>• Analyze financial statements, including the income statement, balance sheet, and</li> </ul>	Financial Statements and Analysis	Case study	Final exams



		<p>statement of cash flows.</p> <ul style="list-style-type: none"> <li>• Interpret financial ratios and metrics to assess the financial health and performance of a company.</li> <li>• Identify trends, patterns, and potential financial risks through financial statement analysis.</li> </ul>			
5-6	6	<ul style="list-style-type: none"> <li>• Understand the concept of the time value of money and its applications in finance.</li> <li>• Calculate present value, future value, and annuity payments using time value of money formulas.</li> <li>• Apply time value of money principles to make informed investment and financing decisions.</li> </ul>	Time Value of Money (TVM)	Lecture	Self-learning
7-8	6	<ul style="list-style-type: none"> <li>• Evaluate investment opportunities using capital budgeting techniques such as net present value (NPV), internal rate of return (IRR), and payback period.</li> <li>• Assess the impact of capital budgeting decisions on firm value and shareholder wealth.</li> <li>• Identify factors influencing capital budgeting</li> </ul>	Capital Budgeting	Case study	Written exams



		decisions and their implications for financial management.			
9-10	6	<ul style="list-style-type: none"> <li>Understand the relationship between risk and return in investment decisions.</li> <li>Analyze the risk-return trade-off and its implications for portfolio management.</li> <li>Evaluate different types of risk, including systematic risk and unsystematic risk, and their impact on investment performance.</li> </ul>	Risk and Return	Lecture	Group and individual assignments evaluation
12-11	6	<ul style="list-style-type: none"> <li>Evaluate different sources of financing available to companies, including equity, debt, and hybrid instruments.</li> <li>Understand the concept of capital structure and its importance in financial management.</li> <li>Analyze the cost of capital and optimal capital structure decisions to maximize firm value.</li> </ul>	Financing and Capital Structure	Discussion	Oral exams
13-14	6	<ul style="list-style-type: none"> <li>Understand the components of working capital, including cash, inventory, accounts receivable, and accounts payable.</li> <li>Evaluate working capital policies and</li> </ul>	Working Capital Management		Written exams



		<p>strategies to optimize liquidity and profitability.</p> <ul style="list-style-type: none"> <li>Identify factors influencing working capital management decisions and their impact on operational efficiency.</li> </ul>			
15	6	<ul style="list-style-type: none"> <li>Review key concepts, theories, and techniques covered throughout the course.</li> <li>Demonstrate mastery of financial management principles through a comprehensive final assessment.</li> <li>Reflect on the application of financial management concepts in real-world scenarios and assess personal learning outcomes.</li> </ul>	Course Review and Final Assessment	Lecture	Presentation assessment

### 11. Course Evaluation

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

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

- Mohammed Ali Al-Amiri, 2013, Modern Financial Management, Wael Publishing House.
- Brigham, E. F., & Ehrhardt, M. C. (2023). Financial management: Theory and practice. 17th Edition, Cengage Learning.



Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Iraqi Academic Scientific Journals



Dr. Ashti Abdul Sattar

# Master's programme

## Course Description Form

<b>1. Course Name:</b>					
International Economics (Master's Level)					
<b>2. Course Code:</b>					
ECM410					
<b>3. Semester / Year:</b>					
the second / 2025-2026					
<b>4. Description Preparation Date:</b>					
20/8/2025					
<b>5. Available Attendance Forms:</b>					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
<b>7. Course administrator's name (mention all, if more than one name)</b>					
Dr. Omar Hisham Sabah      Email: omer_hisham@uomosul.edu.iq					
<b>8. Course Objectives</b>					
<b>Course Objectives</b>		<ul style="list-style-type: none"> <li>• Studying all the fundamental topics related to international economics, functions, types, organizational structure, and problem-solving.</li> <li>• Understanding the analysis of the economic causes of international economic</li> <li>• Ability to link theory and practice</li> <li>• Ability to perform economic analysis</li> </ul>			
<b>9. Teaching and Learning Strategies</b>					
<b>Strategy</b>		<ul style="list-style-type: none"> <li>- Delivering lectures</li> <li>- Adopting a discussion and exploration approach</li> <li>- Using visual aids and brainstorming</li> </ul>			
<b>10. Course Structure</b>					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Introductory chapter	<ul style="list-style-type: none"> <li>• Definition of International Economics</li> <li>• Importance of International Economics</li> <li>• Differences between International and Domestic Economic Relations</li> </ul>	theoretical	Exam discussion assignments
2	2	Introductory chapter	Definition of International Trade Domestic Trade and Foreign	theoretical	Exam discussion assignments

			Trade		
3	2	Theories of International Trade	THE CLASSICAL THEORY OF TRADE	theoretical	Exam discussion assignments
4	2	Theories of International Trade	THE CLASSICAL THEORY OF TRADE	theoretical	Exam discussion assignments
5	2	Theories of International Trade	THE CLASSICAL THEORY OF TRADE	theoretical	Exam discussion assignments
6	2	Theories of International Trade	Modern theory of international trade	theoretical	Exam discussion assignments
7	2	Theories of International Trade	Modern theory of international trade	theoretical	Exam discussion assignments
8	2	Theories of International Trade	Modern theory of international trade	theoretical	Exam discussion assignments
9	2	International movement factors of production	International labor movement	theoretical	Exam discussion assignments
10	2	International movement factors of production	International capital movement	theoretical	Exam discussion assignments
11	2		Midterm exam	theoretical	Exam discussion assignments
12	2	Balance of Payments Structure	Balance mechanism	theoretical	Exam discussion assignments
13	2	Balance of Payments Structure	International settlements (Exchange rate markets and their functions)	theoretical	Exam discussion assignments
14	2	International trade policies	The concept and objectives of trade policy	theoretical	Exam discussion assignments
15	2	International trade policies	International trade instruments	theoretical	Exam discussion assignments

## 11. Course Evaluation

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

## 12. Learning and Teaching Resources


Required textbooks (curricular books, if any)	نايف، فواز جار الله و ذنون، مروان عبد الملك، ٢٠١٢، التوجهات الحديثة في الاقتصاد الدولي، دار ابن الأثير للطباعة والنشر، الموصل، العراق.
Main references (sources)	<ul style="list-style-type: none"> <li>عابد، محمد سيد، ٢٠٠١، التجارة الدولية كلية التجارة جامعة الإسكندرية، مصر.</li> <li>عبد العظيم، حمدي، ٢٠٠٠، اقتصاديات التجارة الدولية، مكتبة زهراء الشرق، مصر.</li> </ul>
Recommended books and references (scientific journals, reports...)	Appleyard, D. R., Field, A. J., & Cobb, S. L. 2006, International Economics, 5th ed., McGraw-Hill/Irwin,
Electronic References, Websites	<a href="https://www.wto.org/">https://www.wto.org/</a>

Name of the course holder

Asst. Prof. Dr. Omar H. Sabah

Name of the HoD

Asst. P. Dr. Aws F. Ayub.

1. Course Name:					
Evaluation of economic projects/ Master					
2. Course Code:					
ECM404					
3. Semester / Year:					
First semester/academic year 2025-2026					
4. Description Preparation Date:					
1/7/2025					
5. Available Attendance Forms:					
Two hours a week					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Two hours per week/ Two units					
7. Course administrator's name (mention all, if more than one name)					
Name: Mustafa Fadhil Hummadi					
Email: mostafa_fadel@uomosul.edu.iq					
8. Course Objectives					
Course Objectives			 <ol style="list-style-type: none"> <li>1. Developing the student's abilities to understand economic projects.</li> <li>2. Enable the student to create a feasibility study.</li> <li>3. Enabling the student to choose between economic projects.</li> <li>4. Analyzing the impact of a change in one economic variable on other economic variables.</li> <li>5. Enabling the student to undertake economic planning in the areas of investment.</li> </ol>		
9. Teaching and Learning Strategies					
Strategy		Giving lectures - solving mathematical problems - discussions - brainstorming - classroom and home exercises - using electronic illustration tools such as (Power Point, Excel, etc.).			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	2	Knowing what an economic project is and its types	Economic project	A theoretical lecture with illustrative examples	In-lecture questions and homework
2	2	How to choose a project and its initial feasibility	Discover investment opportunities and preliminary feasibility	A theoretical lecture with illustrative examples	In-lecture questions and homework
3	2	Knowing how to study, calculate and influence market demand	Marketing feasibility study	A theoretical lecture with illustrative examples	In-lecture questions and homework
4	2	Student understanding of market demand calculation and forecasting	Examples of calculating market demand	Examples and exercises	In-lecture questions and homework
5	2	The student knows how the project is affected by the environment and how it is affected by it.	Environmental and legal feasibility	A theoretical lecture with illustrative examples	In-lecture questions and homework
6	2	Knowing the costs and benefits that will face the economic project	Cost and revenue items in the economic project	A theoretical lecture with illustrative examples	In-lecture questions and homework
7	2	Knowing how to calculate the expected value and present value of project costs and returns	Expected value, present value, and basic assumptions of discount rate	A theoretical lecture with illustrative examples	In-lecture questions and homework



8	2	Understand how to handle business profitability criteria that do not use time preference.	Commercial profitability criteria that do not use the time preference factor	Examples and exercises	In-lecture questions and homework
9	2	Understand how to handle commercial profitability criteria that use time preference.	Commercial profitability criteria that use the time preference coefficient	Theoretical lecture with examples and exercises	In-lecture questions and homework
10	2	Knowing how to calculate the internal return on investment (IRI) of a project	Internal Rate of Return	Theoretical lecture with examples and exercises	In-lecture questions and homework
11	2	How to evaluate a project from a community perspective	National Economic Profitability Standard	A theoretical lecture with illustrative examples	In-lecture questions and homework
12	2	The student understands how to evaluate projects according to costs only	Associated cost standard	A theoretical lecture with illustrative examples	In-lecture questions and homework
13	2	The student understands how changes in certain variables affect the assessment criteria.	Sensitivity analysis	A theoretical lecture with illustrative examples	In-lecture questions and homework



14	2	The student learns the meaning of the existing economic unit and evaluates the efficiency of its performance.	Performance Efficiency Evaluation Basics	A theoretical lecture with illustrative examples	In-lecture questions and homework
15	2	Helping students calculate performance evaluation criteria	Performance Efficiency Evaluation Criteria	Theoretical lecture with examples and exercises	In-lecture questions and homework

#### 11. Course Evaluation

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

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Abdul Aziz Mustafa and Talal Kadawi, 1999, Project Evaluation and Feasibility Studies, Dar Ibn Al-Atheer for Printing and Publishing.
Main references (sources)	<p>1- Abdul Aziz Mustafa and Talal Kadawi, 1999, Project Evaluation and Feasibility Studies, Dar Ibn Al-Atheer for Printing and Publishing.</p> <p>2- Talal Kawin, Evaluation of Economic Projects, 2006</p> <p>3- Mustafa Fadel Hammadi, 2006, Analyzing the feasibility of projects between positive economics and Islamic economics, Master's thesis, College of Administration and Economics, University of Mosul.</p> <p>4- Khalil Muhammad Khalil Attia, Economic Feasibility Studies, Cairo University</p>



Recommended books and references (scientific journals, reports...)	Higher diploma and Master theses in the department
Electronic References, Websites	1- Nabil Abdel Salam Shaker, economic feasibility studies and evaluation of new projects, Ain Shams University  Khalil Muhammad Khalil Attia, Economic Feasibility Studies, Cairo University



Name and signature of the decision holder



Name and signature of the head of the department

Dr. Mustafa Fadhil Humadi      Dr. Aws. F. Dweiqtee

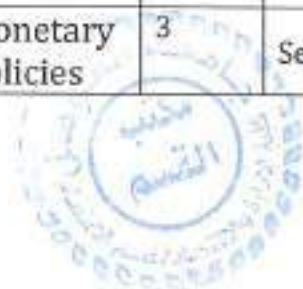


## Course Description Form

1. Course: Monetary Policies	
2. Course Code: ECB421	
3. Semester/ Year: Second Semester/Academic Year 2024-2025	
4. Description Prepared by: 2/ /2026	
5. Available attendance forms: three hours per week	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Three hours per week / three units	
7. Course administrator name (list all, if more than one)	
Name: Aws Fakhr AL deen Ayoub Email : awsjwejatee@uomosul.edu.iq	
8. Course Objectives	
<ul style="list-style-type: none"> <li>Developing the student's abilities to understand economic theory.</li> <li>Enabling the student to scientifically analyze and interpret economic phenomena.</li> <li></li> </ul>	<b>Course Objectives</b>
9. Teaching and Learning Strategies	
Giving lectures - solving mathematical problems - discussions - brainstorming - classroom and home exercises - using electronic legends such as (PowerPoint - Excel - and others).	<b>strategy</b>
10. Course Structure	



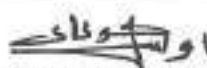
Evaluation method	Learning method	Unit or Subject Name	Required Learning Outcomes	Hours	week
Through discussion and participation in the presentation	theoretical	Money supply measures, central bank, commercial banks	Monetary Policies	3	The first
Duties and participation	theoretical	Determinants of the money supply Multiplier	Monetary Policies	3	Second
Duties and participation	theoretical	Monetary Policy Instruments	Monetary Policies	3	Third
Duties and participation	theoretical	Disadvantages and advantages of monetary policy instruments	Monetary Policies	3	Fourth
Duties and participation	theoretical	Channel system aise for setting interest rates	Monetary Policies	3	V
Duties and participation	theoretical	Monetary Policy Objectives, Preliminary Objectives, Intermediate Objectives	Monetary Policies	3	Sixth
Duties and participation	theoretical	Taylor Base	Monetary Policies	3	Seventh



Duties and participation	theoretical	Exchange rates	Monetary Policies	3	Eighth
Duties and participation	theoretical	Determinants of exchange rates	Monetary Policies	3	Ninth
Duties and participation	theoretical	International fiscal and monetary policy, equilibrium in the foreign exchange market	Monetary Policies	3	X
Duties and participation	theoretical	Money and inflation	Monetary Policies	3	Eleventh
Duties and participation	theoretical	Intervention in the foreign exchange market, enhanced and non-enhanced intervention	Monetary Policies	3	Twelfth
Duties and participation	theoretical	Evolution of the international financial system	Monetary Policies	3	Thirteenth
Duties and participation	theoretical	Bretton Woods system, orbital flotation	Monetary Policies	3	Fourteenth
	theoretical	test	Monetary Policies	3	Fifteenth




<b>11. Course Evaluation</b>	
Distribution of the score out of 100 according to the tasks assigned to the student such as daily preparation, daily, monthly or written oral exams, reports.... etc	
<b>12. Learning and Teaching Resources</b>	
<b>The economics of money banking and financial market ,2022 Frederic s.Mishkin</b>	Required textbooks (curricu books if applicable)
<b>- Money and Banks, Mars Publishing, James Stewart</b>  <b>Abdel Moneim El-Sayed Ali and Nizar Saad El-Din, Money, Banks and Financial Markets, Dar Al-Hamid Publishing, 2006</b>	Main references (sources)
Higher Diploma Theses in the Department	Recommended books and references (scientific journals, reports...)
1- Central Bank of Iraq 2- 2- World Bank 3- Iraqi Monetary Fund	Electronic References, Website

  
Name and signature  
of the course holder  
Assoc. Prof.

Dr. Aws Fakh ALdeen Al-Jwejatee



  
Name and signature  
of the head of the department  
Assoc. Prof.

Dr. Aws Fakh ALdeen Al-Jwejatee

## Course Description Form

1. Course Name: Agricultural Economic Policies	
2. Course Code: PhD	
3. Semester / Year: 2026-2025	
4. Description Preparation Date: 2025	
5. Available Attendance Forms: Weekly	
6. Number of Credit Hours (Total) / Number of Units (Total) 2/2	
7. Course administrator's name (mention all, if more than one name) Iman mustafa rashad	
8. Course Objectives	
Course Objectives	To introduce students to agricultural economic policies and necessary plans for developing these policies, as well as to identify the most important programs in the agricultural sector and policies related to agricultural prices and economic resources
9. Teaching and Learning Strategies	
Strategy	Delivering a lecture to students, adopting a discussion method between the professor and the student, and using technology to clarify the lecture and brainstorm.
10. Course Structure	


Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Agricultural Policies: A Holistic View, Planning Agricultural Policies, and the Importance of the Agricultural Sector in the National Economy			
2	3	The Relationship Between Agricultural Policies and Food Security, Global Challenges in the Agricultural Sector			
3	3	Tools of Agricultural Policy, Agricultural Price and Non-Price Policies			
4	3	Financial Support and Agricultural Subsidies			
5	3	Agricultural Lending and Insurance Policies			
6	3	Analyzing the Impact of Agricultural Policies on Productivity and on Small Farmers and Development			

7	3	Costs and Benefits of Agricultural Policy. Cases of Successful and Failed Agricultural Policies 1			
8	3	Cases of Successful and Failed Agricultural Policies 2			
9	3	Exam.			
10	3	Agricultural Policies and Sustainable Development			
11	3	Environmental Protection - Technology - Climate Change			
12	3	Agricultural Policies and Sustainable Development, Promoting Sustainability in Agricultural Production			
13	3	Agriculture and International Policies.... Role of International Organizations			
14	3	Agricultural and International Policies.... International Agreements			

15	3	Exam			
11. Course Evaluation					
30% of the grade is based on assigned tasks such as daily participation, oral or written quizzes (daily or monthly), reports, etc.					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if					
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

  
 Name and signature of the course owner  
 Eman M. Rashad



  
 Name and signature of the head of the department or branch  
 Dr. Aws. F. Jweidtee



## Course Description Form

<b>1. Course Name:</b>	
Economics / Master's	
<b>2. Course Code:</b>	
microeconomic theory	
<b>3. Semester / Year:</b>	
First course 2025-2026	
<b>4. Description Preparation Date:</b>	
1/7/2025	
<b>5. Available Attendance Forms:</b>	
Two hours per week	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
30 hours	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Sadoon Hussain Farhan email: <a href="mailto:sadoon_hussain@uomosul.edu.iq">sadoon_hussain@uomosul.edu.iq</a>	
<b>8. Course Objectives</b>	
Course Objectives	<ul style="list-style-type: none"><li>• Providing the student with the ability to perform microeconomic analysis, which is an important aspect of economic theory that is concerned with the behavior of the economic unit or institution, as well as the consumer and the market, through the use of microanalysis tools, in addition to mathematical formulas and graphic forms, which contributes to enhancing the student's cognitive abilities in solving the problems of these units.</li></ul>
<b>9. Teaching and Learning Strategies</b>	
Strategy	<p>A- Teaching and learning methods,</p> <ul style="list-style-type: none"><li>• Delivering lectures</li><li>• Adopting a discussion and exploration approach</li><li>• Using visual aids and brainstorming.</li></ul> <p>B. Assessment Methods</p> <ul style="list-style-type: none"><li>• Skills performed by students, the purpose of which is to build the professor's character in delivering this lecture and interacting with fellow students.</li><li>• Oral discussions</li></ul>



- Final exam

#### C. Thinking Skills

- The ability to analyze and address economic unit problems
- The ability to inductively, deductively, and analytically
- The use of microeconomic analysis tools such as marginal and average cost, marginal and average productivity, marginal utility, and others
- The ability to discuss topics related to microeconomics

#### D. General and Transferable Skills (other skills related to employability and personal development)

- Traditional thinking by asking traditional questions
- Cognitive thinking by asking questions whose answers rely on prior knowledge
- Creative thinking by using open-ended questions

### 10. Course Structure


Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Chapter One Consumer Behavior	cardinal and ordinal utility theory	theoretical	Discussions and assignments
2	2	Consumer Behavior	Indifference Curve Theory + Applications of Indifference Curves	theoretical	Discussions and assignments
3	2	Chapter Two Production Theory	Production function and derivation of marginal and average productivity from the Cobb-Douglas production function + the bell function	theoretical	Discussions and assignments
4	2	Production Theory	Equilibrium of a single-product and two-product firm	Theoretical and mathematical	Discussions and assignments
5	2	Chapter Three: Cost Theory	The relationship between production and costs: a theoretical and mathematical analysis	Theoretical and mathematical	Discussions and assignments
6	2	Cost Theory	The relationship between production and costs: a theoretical	Theoretical and mathematical	Discussions and assignments

Recommended books and references (scientific journals, reports...)	Laptop - Data show
Electronic References, Websites.	

Name and signature of the decision holder

Asst. Prof. Dr. Saadoun Hussein Farhan



  
 Name and signature of the head of  
 the department or branch



**University of Mosul / College of Administration and Economics  
Department of Economics**

**Course Description Form**

<b>1. Course Name:</b>					
Economic Development/M.Sc.					
<b>2. Course Code:</b>					
ECM403					
<b>3. Semester / Year:</b>					
First semester 2025-2026					
<b>4. Description Preparation Date:</b>					
July, 2025					
<b>5. Available Attendance Forms:</b>					
Two hours per week					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
2/2					
<b>7. Course administrator's name (mention all, if more than one name)</b>					
Pro. Dr. Mufeed Dhanoon Younus      dr.mufeed@uomosul.edu.iq					
<b>8. Course Objectives</b>					
<b>Course Objectives</b>		Giving students to the theories of economic development, draw comparisons between historical growth and contemporary development and then addressing the most important development issues currently being discussed, such as income distribution, population growth, contemporary urbanization problems, unemployment, and education.			
<b>9. Teaching and Learning Strategies</b>					
<b>Strategy</b>		Teaching lecture, adopting the discussion and exploration method, using technological means to clarify the lecture and brainstorming			
<b>10. Course Structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>



1	2	Understanding the meaning of economic development in a global context.	Introduction Economic Development	Theory and practical examples	Homework
2	2	Comparing and critiquing basic development theories	Linear Stage Theories	Theory and practical examples	Homework
3	2	Comparing and critiquing basic development theories	Structural Change Models	Theory and practical examples	Homework
4	2	Comparing and critiquing basic development theories	International Dependency Theories and Neoclassical Theories	Theory and practical examples	Homework
5	2	Projecting historical growth with contemporary development	Factors of Economic Growth	Theory and practical examples	Homework
6	2	Projecting historical growth with contemporary development	Development Experiences and Contemporary Development	Theory and practical examples	Homework
7	2	Learning the concepts and theories of poverty	Income Distribution Measures	Theory and practical examples	Homework
8	2	Methods of measuring poverty	Poverty Measures	Theory and practical examples	Homework



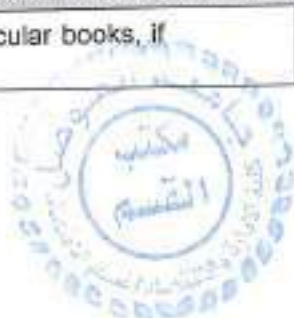
9	2	Evaluating the economic policies required to reduce poverty	Growth, Poverty, and Income Distribution	Theory and practical examples	Homework
10	2	Midterm exam	Midterm exam	Theory and practical examples	Homework
11	2	Learning the meaning and history of population growth	Population Growth and Economic Development	Theory and practical examples	Homework
12	2	Population theories	Population Growth and Economic Development	Theory and practical examples	Homework
13	2	Understanding the concepts and theories of unemployment	Unemployment	Theory and practical examples	Homework
14	2	The meaning of urbanization and global comparisons	Urbanization and Internal Migration	Theory and practical examples	Homework
15	2	The importance of education for growth and poverty, with evidence from developing and developed countries	Education and Development	Theory and practical examples	Homework

### 11. Course Evaluation

The scores distributed out of 100 based on the tasks assigned to the student, such as daily written and oral assignments, and midterm and annual exams.

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if



Main references (sources)	ميشيل تودارو، التنمية الاقتصادية، تحرير أ.د. محسن حسني و د. محمود حامد محمود، دار المريخ، السعودية، 2009.  Almas Heshmati, (2017), Studies Economic Development and Growth Selected African Countries, springer.
Recommended books and references (scientific journals, reports...)	World Bank Reports
Electronic References, Websites	<a href="https://www.worldbank.org/en/publication/wdr2024">https://www.worldbank.org/en/publication/wdr2024</a>
Update rate	10% Adding Todaro's urbanization model



Course Professor

أ.د. فهد فوزن يونس



Head of Department



Course description template

University: Mosul College: Administration and Economics Department: Economics

1. :Course name and academic level

Public Finance/Master's

2. :Course code

3. Term/Year

Second semester / Academic year (2025-2026)

4. Date this description was prepared

2025/6/2

5. Available attendance formats

Three hours per week (two hours of theory and one hour of practical work)

6. Total number of study hours / Total number of units

hours 45

7. Name of the course coordinator (if there is more than one, please state it) and academic title

Name: Prof. Dr. Hashem Nahmad Abdullah Al-Arkoub Email: hashem\_mohamed@uomosul.edu.iq

8. Course Objectives

1. Developing the student's ability to understand economic theories
2. Enabling the student to identify the impact of economic policies and how they are applied in reality
3. Enabling the student to predict the course of economic phenomena in the future
4. Analyzing the impact of economic variables on other economic variables
5. Enabling the student to plan economically in the areas of production, consumption, and trade

Course objectives

Teaching and learning strategies .9

:Strategy

Strategies ( economic case studies , guided discussions on the subject, solutions to mathematical and computational problems and applications at the macroeconomic level, simulation of economic scenarios , self-learning, indirect learning strategy ,learning strategy through (discussion)

9. Course Structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Questions during the lecture and homework assignments	,Theory examples, and exercises	Public expenditures	Public expenditures	3	the first

Questions during the lecture and homework assignments	,Theory examples, and exercises	Transfer and social expenditures	Transfer and social expenditures	3	the second
Questions during the lecture and homework assignments	,Theory examples, and exercises	Local revenues ,include fees domain names, and .fines	Local revenues ,include fees domain names, and .fines	3	the third
Questions during the lecture and homework assignments	,Theory examples, and exercises	:Taxation Technical Organizational Structure	Taxation: Technical Organizational Structure	3	Fourth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Tax burden and tax capacity	Tax burden and tax capacity	3	Fifth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Public loans: types and effects	Public loans: types and effects	3	Sixth
Questions during the lecture and homework assignments	,Theory examples, and exercises	New currency issue	New currency issue	3	Seventh
Questions during the lecture and homework assignments	,Theory examples, and exercises	Risks and justifications	Risks and justifications	3	Eighth
Questions during the lecture and homework assignments	,Theory examples, and exercises	,General budget ,budget rules budget life cycle	,General budget budget rules, budget life cycle	3	Ninth
Questions during the lecture and homework assignments	,Theory examples, and exercises	,Financial deficit types and methods	,Financial deficit types and methods	3	tenth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Budget preparation systems	Budget preparation systems	3	eleventh
Questions during the lecture and homework assignments	,Theory examples, and exercises	Item balancing	Item balancing	3	twelfth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Performance and program balancing	Performance and program balancing	3	thirteenth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Zero-based budgeting	Zero-based budgeting	3	fourteenth

Questions during the lecture and homework assignments	.Theory examples, and exercises	fiscal policies	fiscal policies	3	fifteenth
Course evaluation and grade breakdown .11					
The coursework grade is distributed out of 30 % according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, and attendance. Then, an end-of-course exam is conducted out of 70 %, so that the final grade for the subject becomes out of 100%					
Learning and teaching resources .12					
1) Dowling, E, 2001, "Introduction to Mathematical Economics, third edition, Scaums Outline Series, Mc Graw -Hill.			Required textbooks (methodology, if applicable)		
2) Wainwright, K and Chiang, A, 2005, Fundamental Methods of Mathematical, Economics 4th Edition ..					
			Main references (sources)		
			Recommended supporting books and references (scientific journals, reports) (.etc		
null			Electronic referenceswebsites		
%20			:Curriculum update rate		



Name of the course instructor  
Prof. Dr. Hashim Mohammed Abdullah Al-Arkoub

Name and signature of the head of department  
Assoc. Prof. Dr. Aws Fakhir Al-Din Al-Juwaijati

# PhD programme

## Course Description Form

1. Course: Monetary Theory	
2. Course Code: ECB421	
3. Semester / Year: First Semester / Academic Year 2024-2025	
4. Description Prepared by: 2/9/2025	
5. Available attendance forms: three hours per week	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Three hours per week / three units	
7. Course administrator name (list all, if more than one)	
Name: Aws Fakhr AL deen Ayoub Email : awsjwejatee@uomosul.edu.iq	
8. Course Objectives	
<ul style="list-style-type: none"> <li>Developing the student's abilities to understand economic theory.</li> <li>Enabling the student to scientifically analyze and interpret economic phenomena.</li> <li></li> </ul>	<p><b>Course Objectives</b></p>
9. Teaching and Learning Strategies	
<p>Giving lectures - solving problems - discussions - brainstorming - classroom and home exercises - using electronic legends such as (PowerPoint - Excel - and others).</p>	<p><b>strategy</b></p>
10. Course Structure	



Evaluation method	Learning method	Unit or Subject Name	Required Learning Outcomes	Hours	week
Through discussion and participation in the presentation	theoretical	Factors affecting the money supply	Critical theory	3	1
Duties and participation	theoretical	Multiplier	Critical theory	3	2
Duties and participation	theoretical	The demand for money from the point of view of schools	Critical theory	3	3
Duties and participation	theoretical	Demand for money	Critical theory	3	4
Duties and participation	theoretical	Model IS-LM	Critical theory	3	5
Duties and participation	theoretical	IS-LM Applications	Critical theory	3	6
Duties and participation	theoretical	Monetary policy in the IS-LM model	Critical theory	3	7
Duties and participation	theoretical	Fiscal policy in the IS-LM model	Critical theory	3	8
Duties and participation	theoretical	Analysis of aggregate supply and aggregate demand	Critical theory	3	9
Duties and participation	theoretical	Overall width and Phillips curve	Critical theory	3	10
Duties and participation	theoretical	Money and inflation	Critical theory	3	11



Duties and participation	theoretical	Analysis of the relationship between money and inflation by school	Critical theory	3	12
Duties and participation	theoretical	Rational expectations include politics	Critical theory	3	13
Duties and participation	theoretical	Anticipation and non-expectation	Critical theory	3	14
	theoretical	Factors affecting the money supply	Critical theory	3	15

#### 11. Course Evaluation

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

#### 12. Learning and Teaching Resources

<b>The economics of money banking and financial market ,2022 Frederic s.Mishkin</b>	Required textbooks (curricu books if applicable)
<b>- Money and Banks, Mars Publishing, James Stewart</b>  <b>Abdel Moneim El-Sayed Ali and Nizar Saad El-Din, Money, Banks and Financial Markets, Dar Al-Hamid Publishing, 2006</b>	Main references (sources)
	Recommended books and references (scientific journals, reports...)
1- Central Bank of Iraq 2- World Bank 3- Iraqi Monetary Fund	Electronic References, Website



اوس فخر الدين

Name and signature  
of the course holder  
Assoc. Prof.

Dr. Aws Fakh ALdeen Al-Jwejatee



اوس فخر الدين

Name and signature  
of the head of the department  
Assoc. Prof.

Dr. Aws Fakh ALdeen Al-Jwejatee

## Course Description Form

1. Course Name: Agricultural Economics

2. Course Code:

3. Semester / Year: 2025- 2026

4. Description Preparation Date: 2025

5. Available Attendance Forms:

6. Number of Credit Hours (Total) / Number of Units (Total) 2/2

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

Eman mustafa rashad

8. Course Objectives

Course Objectives

Introducing students to the agricultural sector and the necessary components for its advancement, as well as the economic results of countries. Additionally, it aims to introduce students to theories of production, costs, supply and demand, and various types of markets.

9. Teaching and Learning Strategies

Strategy

Delivering a lecture to students, adopting a discussion method between the professor and the student, and using technology to clarify the lecture and brainstorm.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Agricultural Production Economics			
2	2	Agricultural Production Economics 2			
3	2	Supply, Demand, and Market			
4	2	Production			
5	2	Costs			
6	2	Agricultural Markets			
7	2	Exam + Report			
8	2	Pricing Policies			
9	2	Government Support for Consumers and Producers			
10	2	Financing and Investment Policies			
11	2	Smart Agriculture and Digital Agriculture			
12	2	Economic Resources, Green Economy			
13	2	Water Security and Food Security			

14	2	Agricultural Development			
15	2	Monthly Exam			


### 11. Course Evaluation

30% of the grade is based on assigned tasks such as daily participation, oral or written quizzes (daily or monthly), reports, etc.

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if	Course books , Others , Agricultural Econom book by Dr. Salem Tawfiq Al-Najafi Agricultural Economics lectures by Dr. Huss Raad , Various agricultural economics lectures
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

  
 Name and signature of the course owner  
**Eman M Rashad**

  
 Name and signature of the head of the department or branch  
**Dr. Aws. F. Jwehate**



1	2	Understanding the meaning of economic development in a global context.	Introduction Economic Development	Theory and practical examples	Homework
2	2	Comparing and critiquing basic development theories	Linear Stage Theories	Theory and practical examples	Homework
3	2	Comparing and critiquing basic development theories	Structural Change Models	Theory and practical examples	Homework
4	2	Comparing and critiquing basic development theories	International Dependency Theories and Neoclassical Theories	Theory and practical examples	Homework
5	2	Projecting historical growth with contemporary development	Factors of Economic Growth	Theory and practical examples	Homework
6	2	Projecting historical growth with contemporary development	Development Experiences and Contemporary Development	Theory and practical examples	Homework
7	2	Learning the concepts and theories of poverty	Income Distribution Measures	Theory and practical examples	Homework
8	2	Methods of measuring poverty	Poverty Measures	Theory and practical examples	Homework



9	2	Evaluating the economic policies required to reduce poverty	Growth, Poverty, and Income Distribution	Theory and practical examples	Homework
10	2	Midterm exam	Midterm exam	Theory and practical examples	Homework
11	2	Learning the meaning and history of population growth	Population Growth and Economic Development	Theory and practical examples	Homework
12	2	Population theories	Population Growth and Economic Development	Theory and practical examples	Homework
13	2	Understanding the concepts and theories of unemployment	Unemployment	Theory and practical examples	Homework
14	2	The meaning of urbanization and global comparisons	Urbanization and Internal Migration	Theory and practical examples	Homework
15	2	The importance of education for growth and poverty, with evidence from developing and developed countries	Education and Development	Theory and practical examples	Homework

#### 11. Course Evaluation

The scores distributed out of 100 based on the tasks assigned to the student, such as daily written and oral assignments, and midterm and annual exams.

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if



Main references (sources)	<p>ميشيل تودارو، التنمية الاقتصادية، تعريف ا.د. محاسني و.د. محمود حامد محمود، دار المريخ، السعودة 2009.</p> <p>Almas Heshmati, (2017), Studies Economic Development and Growth Selected African Countries, springer.</p>
Recommended books and references (scientific journals, reports...)	World Bank Reports
Electronic References, Websites	<a href="https://www.worldbank.org/en/publication/wdr2024">https://www.worldbank.org/en/publication/wdr2024</a>
Update rate	10% Adding Todaro's urbanization model



Course Professor

أ.د. عفيف ذنون بوش



Head of Department



Course Description Form

1. Course Name:					
Economic Development/PhD					
2. Course Code:					
ECP410					
3. Semester / Year:					
Second semester 2025-2026					
4. Description Preparation Date:					
July, 2025					
5. Available Attendance Forms:					
Weekly (3 hours theory)					
6. Number of Credit Hours (Total) / Number of Units (Total)					
3/3					
7. Course administrator's name (mention all, if more than one name)					
Pro. Dr. Mufeed Dhanoon Younus                      dr.mufeed@uomosul.edu.iq					
8. Course Objectives					
<b>Course Objectives</b>		This course, cover various development topics, applications to problem facing developing countries, and real-world data that support or challenge theoretical views. By the end of the semester, students are expected demonstrate a broad knowledge of the issues facing contemporary developing countries, as well as the ability to think critically about the questions and potential policy solutions.			
9. Teaching and Learning Strategies					
<b>Strategy</b>		Teaching theoretical lectures, using modern technological means clarification, discussing ideas with students, and providing students with seminars on curriculum topics.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method



1	3	Concepts in Development, Poverty, and Inequality	Introduction to Economic Development	theoretical discussion	Oral questions
2	3	Theories and International Evidence on Poverty and Inequality	Growth, Poverty and Inequality	theoretical discussion	Oral questions
3	3	Fiscal Policies Required to Reduce Poverty	Economic Policies, Growth, and Poverty (Fiscal Policy)	theoretical discussion	Oral questions
4	3	Monetary Policies Required to Reduce Poverty	Economic Policies, Growth, and Poverty (Monetary Policy)	theoretical discussion	Oral questions
5	3	The Concept of Development Aid and International Evidence	Development Aid 1	theoretical discussion	Oral questions
6	3	The Concept of Development Aid and International Evidence	Development Aid 2	theoretical discussion	Oral questions
7	3	The Concept of Loans and International Evidence	Foreign Loans	theoretical discussion	Oral questions
8	3	The Meaning of Institutions and Their Role in Development and Stability	Institutions and Growth	theoretical discussion	Oral questions



9	3	The Role of Education in Development and Poverty and International Evidence	Education, Growth, and Poverty	theoretical discussion	Oral questions
10	3	Midterm Exam			
11	3	Labor Markets in Developing Countries and Requirements for Their Advancement	Labor Markets	theoretical discussion	Oral questions
12	3	The Evolution of Urbanization and Its Impact on Development and Poverty	Urbanization and Growth	theoretical discussion	Oral questions
13	3	Entrepreneurship, Technology, and Development	Technology and Entrepreneurship		
14	3	Concepts of Corruption, Its Measurement, Causes, and Economic Impacts	Corruption, Growth, and Poverty	theoretical discussion	Oral questions
15	3	International Experiences in Combating Corruption	Corruption and Economic Growth	theoretical discussion	Oral questions

### 11. Course Evaluation

The scores distributed out of 100 based on the tasks assigned to the student, which are: discussion groups, reports, and midterm and final exams.

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if

Main references (sources)

- Raj Nallari and Breda Griffith, (2011) Understanding Growth and Poverty, World Bank.



	<ul style="list-style-type: none"> <li>• Almas Heshmati, (2017), Studies Economic Development and Growth Selected African Countries, springer.</li> <li>• Victor Beker, (2016), Growth, Inequa and poverty: what do we know? Work Paper in SSRN Electronic Journal</li> </ul>
Recommended books and references (scientific journals, reports...)	Human Development Reports
Electronic References, Websites	<a href="https://www.undp.org/sites/g/files/kgke326/files/2024-03/undp_sy_hdr2023-24overviewar.pdf">https://www.undp.org/sites/g/files/kgke326/files/2024-03/undp_sy_hdr2023-24overviewar.pdf</a>
Update rate	10% (Adding a chapter entrepreneurship and its impact development)



Course Professor

آ. د. حفیہ زین العابدین




Head of Department

## Course description template


1- Course Title: Microeconomic Theory/PhD					
2- Code: ECD401					
3- Semester/ Year: Semester First / 2025 - 2026					
4- Description : Preparation date: 1/9/2025					
5- Available attendance forms : In person					
6- Number of credit hours (total) / Number of units (total) hours / 3 units 45					
7- Name of the course coordinator (list all names if there is more than one) :Name: Prof. Dr. Saad Mahmoud Al-Kawaz Emailsaad_mahmood@uomosul.edu.iq					
8- Course Objectives					
Course Objectives	Microeconomics is a branch of economic theory that studies the economy at the level of individual microeconomics Microeconomists study key indicators such as consumer demand analysis, supply, and demand theory, cost theory, market analysis, Pareto optimization analysis indicators of firm behavior, and the interrelationships between them to understand how the economy works				
9- Teaching and learning strategies					
strategy	Delivering the lecture to the students, adopting a discussion-based approach between the professor and the student, using technology to clarify the lecture and brainstorm				
10- Course structure					
week	Hours	Required learning outcomes	Unit or topic name	Learning method	Evaluation Method
the first	3		The Budget Constraint/Demand and Consumer Theory.	Theory and practical examples	Daily tasks
the second	3		Production Isoquant / Production Theory.	Theory and practical examples	Daily tasks
the third	3		Cost Theory	Theory and practical examples	Daily tasks
Fourth	3		Profit Theory	Theory and practical examples	Daily tasks
Fifth	3		Types of markets	Theory and practical examples	Daily tasks
Sixth	3		First exam	Theory and practical examples	Daily tasks
Seventh	3		Game Theory with applications	Theory and practical examples	Daily tasks
Eighth	3		Risk analysis and uncertainty.	Theory and practical examples	Daily tasks

Ninth	3		Pricing practice	Theory and practical examples	Daily tasks
tenth	3		Monetary measures of profit and loss from exchanges	Theory and practical examples	Daily tasks
eleventh	3		Applications of market equilibrium	Theory and practical examples	Daily tasks
twelfth	3		Second exam	Theory and practical examples	Daily tasks
thirteenth	3		The product is in a highly competitive environment	Theory and practical examples	Daily tasks
fourteenth	3		Short-run and long-run production theories	Theory and practical examples	Daily tasks
fifteenth	3		Costs and revenues	Theory and practical examples	Daily tasks

### 11- Evaluating the decision

The grade is distributed out of 30 according to the tasks assigned to the student, such as daily preparation, daily or monthly oral or written exams, reports, etc

### 12- sources Learning and teaching

<p>Required textbooks (curriculum books, if available)</p> 	<ol style="list-style-type: none"> <li>1- Guoqiang TIAN, (2022), Advanced Microeconomic Theory, Texas A&amp;M University College Station,</li> <li>2- AMSCO, (2022), Microeconomic, Advanced Placement Edition, Anello Hughes.</li> <li>3- W. Bentley, Macleod, (2022), Advanced Microeconomics, The MIT press Cambridge, Massachusetts, London, England.</li> <li>4- Bibhas Saha, 2024, Advanced Microeconomics Theory, Applications and New Development.</li> <li>5- Al -Saeed bin Lakhdar and Souria Shanbi, (2022), In-depth Microeconomics - A Theoretical and Quantitative Analysis for Researchers ,and Graduate Students, First Edition Hamithra Publishing House, Cairo, Arab Republic of Egypt</li> <li>6- , Al-Jazairi , Mu'adh Al -Sharafawi Microeconomics, Publications ,(2020) University The letter "A" is a grammatical term . Syria , The Republic . Syrian Arabic</li> <li>7- Al-Maysoum , Talebi, (2022), A series of lectures in in-depth microeconomics problems and exercises, Faculty of Economic Sciences, Commercial Sciences and Management Sciences .University of Djelfa, Algeria</li> </ol>
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	8- ,Badawi Muhammad, Doua Muhammad Microeconomic Theory - An ,2024 Introduction to In-Depth Mathematical .Expression, Dar Basma Ilmiyya, Algeria
Main references (sources)	
Recommended books and references ( scientific (...journals , reports	
references , websites	

Prof. Dr. Saad M. Alkawaz

اوس فهد

Dr. Aws. F. Dwedatee



Course description template

University: Mosul College : Administration and Economics Department: Economics

1. Course name and academic level

Macroeconomics/PhD

2. Course code

3. Term/Year

Second Semester / Academic year (2025-2026)

4. Date this description was prepared

2025/6/2

5. Available attendance formats

Three hours per week (two hours of theory and one hour of practical work)

6. Total number of study hours / Total number of unit

45

7. Name of the course coordinator (if there is more than one, please state it) and academic title

Name: Prof. Dr. Hashem Nahmad Abdullah Al-Arkoub Email: hashem\_mohamed@uomosul.edu.iq

8. Course Objectives

1. Developing the student's ability to understand economic theories
2. Enabling the student to identify the impact of economic policies and how they are applied in reality
3. Enabling the student to predict the course of economic phenomena in the future
4. Analyzing the impact of a change in one economic variable on future economic variables
5. Enabling the student to plan economically in the areas of production, consumption, and trade

Course objectives

9. Teaching and learning strategies

Strategies ( economic case studies , guided discussions on the subject, solutions to mathematical and computational problems and applications at the macroeconomic , level, simulation of economic scenarios , self-learning, indirect learning strategy ,learning strategy through (discussion)

:Strategy

10. Course Structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Macroeconomic functions	Macroeconomic functions	3	the first

Questions during the lecture and homework assignments	,Theory ,examples and exercises	Consumption function and savings function	Consumption function and savings function	3	the second
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Savings function	Savings function	3	the third
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Government spending function	Government spending function	3	Fourth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Tax function	Tax function	3	Fifth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Transfer Payments Function	Transfer Payments Function	3	Sixth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Effectiveness of economic policy	Effectiveness of economic policy	3	Seventh
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Economic, fiscal and monetary policies	Economic, fiscal and monetary policies	3	Eighth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	The importance of integration between fiscal and monetary policies	The importance of integration between fiscal and monetary policies	3	Ninth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Mechanisms for integrating the two policies	Mechanisms for integrating the two policies	3	tenth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Effectiveness of fiscal and monetary policies	Effectiveness of fiscal and monetary policies	3	eleventh
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Balance in the labor market	Balance in the labor market	3	twelfth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Equilibrium in the money market	Equilibrium in the money market	3	thirteenth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Unemployment and inflation	Unemployment and inflation	3	fourteenth
Questions during the lecture and homework assignments	,Theory ,examples and exercises	Basic theories in estimating	Basic theories in estimating	3	fifteenth

	unemployment and inflation	unemployment and inflation		
Course evaluation and grade breakdown .11				
The coursework grade is distributed out of 30 % according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, and attendance. Then, an end-of-course exam is conducted out of 70 %, so that the final grade for the subject becomes out of 100%				
12. Learning and teaching resources				
1. Farouk Saleh Al-Khatib and Abdul Aziz Ahmed Dhiab, (2023) Advanced Studies in Macroeconomic Theories		Required textbooks (methodology, if applicable)		
		Main references (sources)		
		Recommended supporting books and references ,scientific journals, reports) (.etc		
Null		Electronic references websites		
%20		:Curriculum update rate		



Name of the course instructor  
Prof. Dr. Hashim Mohammed Abdullah Al-Arkoub

Name and signature of the head of department  
Assoc. Prof. Dr. Aws Fakhr Al-Din Al-Juwaijati

**Course description template**

**,Administration and Economics  
Economics**

**:College  
:Department or Branch**

**,University: Mosul**



<b>1. Course name and academic level</b>	
Public Finance/PhD	
<b>2. Course code</b>	
<b>3. Term/Year</b>	
First semester / Academic year (2025-2026)	
<b>4. Date this description was prepared</b>	
2025/6/2	
<b>5. Available attendance formats</b>	
Three hours per week (two hours of theory and one hour of practical work)	
<b>6. Total number of study hours / Total number of units</b>	
hours 45	
<b>7. Name of the course coordinator (if there is more than one, please state it) and academic title</b>	
Name: Prof. Dr. Hashem Nahmad Abdullah Al-Arkoub	
Email : hashem_mohamed@uomosul.edu.iq	
<b>Course Objectives .8</b>	
<ol style="list-style-type: none"> <li>1. .Developing the student's ability to understand economic theories</li> <li>2. Enabling the student to identify the impact of economic policies and how they are applied in reality</li> <li>3. Enabling the student to predict the course of economic phenomena in the future</li> <li>4. Analyzing the impact of economic variables on other economic variables</li> <li>5. Enabling the student to plan economically in the areas of production, consumption, and trade</li> </ol>	<b>Course objectives</b>
<b>9. Teaching and learning strategies</b>	
Strategies ( economic case studies , guided discussions on the subject, solutions to mathematical and computational problems and applications at the macroeconomic	<b>:Strategy</b>

level, simulation of economic scenarios , self-learning, indirect learning strategy  
 ,learning strategy through (discussion)

### 10. Course Structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Questions during the lecture and homework assignments	,Theory examples, and exercises	Transfer expenses	Transfer expenses	3	the first
Questions during the lecture and homework assignments	,Theory examples, and exercises	The financing role of taxes	The financing role of taxes	3	the second
Questions during the lecture and homework assignments	,Theory examples, and exercises	Tax evasion	Tax evasion	3	the third
Questions during the lecture and homework assignments	,Theory examples, and exercises	Double taxation	Double taxation	3	Fourth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Tax performance evaluation indicators	Tax performance evaluation indicators	3	Fifth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Taxes on foreign deposits	Taxes on foreign deposits	3	Sixth
Questions during the lecture and homework assignments	,Theory examples, and exercises	foreign aid	foreign aid	3	Sevent h
Questions during the lecture and homework assignments	,Theory examples, and exercises	external debt crisis	external debt crisis	3	Eighth
Questions during the lecture and homework assignments	,Theory examples, and exercises	The impact of external debt on public budget decisions	The impact of external debt on public budget decisions	3	Ninth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Iraq's debt	Iraq's debt	3	tenth
Questions during the lecture and homework assignments	,Theory examples, and exercises	The general budget in Iraq	The general budget in Iraq	3	elevent h
Questions during the lecture and homework assignments	,Theory examples, and exercises	Forms of deficit in the general budget	Forms of deficit in the general budget	3	twelfth

Questions during the lecture and homework assignments	,Theory examples, and exercises	Fiscal policies in developing countries	Fiscal policies in developing countries	3	thirteenth
Questions during the lecture and homework assignments	,Theory examples, and exercises	double deficit	double deficit	3	fourteenth
Questions during the lecture and homework assignments	,Theory examples, and exercises	Evaluating fiscal policies in developing countries	Evaluating fiscal policies in developing countries	3	fifteenth

#### Course evaluation and grade breakdown .11

The coursework grade is distributed out of 30 % according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, and attendance. Then, an end-of-course exam is conducted out of 70 %, so that the final grade for the subject becomes out of 100%

#### 12. Learning and teaching resources

<ol style="list-style-type: none"> <li>Dowling, E, 2001, "Introduction to Mathematical Economics, third edition, Schaums Outline Series, Mc Graw -Hill.</li> <li>Wainwright, K and Chiang, A, 2005, Fundamental Methods of Mathematical, Economics 4th<sup>Edition</sup> ..</li> </ol>	,Required textbooks (methodology (if applicable)
	Main references (sources)
	Recommended supporting books ,and references (scientific journals ,reports, etc
nothing	Electronic references, websites
%20	:Curriculum update rate



Name of the course instructor  
Prof. Dr. Hashim Mohammed Abdullah Al-Arkoub

Name and signature of the head of department  
Assoc. Prof. Dr. Aws Fakhr Al-Din Al-Juwaijati

## Course Description Form

<b>1. Course Name:</b>	
Advanced International Economics PhD Level, second Course	
<b>2. Course Code:</b>	
ECM404	
<b>3. Semester / Year:</b>	
2025 – 2026	
<b>Description Preparation Date:</b>	
2026 / 1/ 31	
<b>4. Available Attendance Forms:</b>	
Weekly	
<b>5. Number of Credit Hours (Total) / Number of Units (Total)</b>	
(Two hours a week)	
<b>6. Course administrator's name (mention all, if more than one name)</b>	
Name: Rabah Jamil Al-Khatib	
Email: <a href="mailto:Rabah_jamel@uomosul.edu.iq">Rabah_jamel@uomosul.edu.iq</a>	
<b>7. Course Objectives</b>	
<b>Course Objectives</b>	<p>1. To grasp and understand advanced international economics according to the latest theories in the field of international trade and how to deal with international loans and settlements.</p> <p>2. To study the flows of factors of production and the profits and losses of international lending.</p> <p>3. To understand trade restrictions in a partial equilibrium situation, the case of large countries, and the policy instruments of foreign trade.</p>
<b>8. Teaching and Learning Strategies</b>	
<b>Strategy</b>	<p>By the end of the course, students will understand the following:</p> <ul style="list-style-type: none"> <li>- Many economic problems at the global level.</li> <li>- How to deliver lectures, adopt a discussion and exploration approach, use technological means to clarify the lecture, and brainstorm economic solutions to these problems, and arrive at the right solutions to overcome them with the least</li> </ul>

possible losses.

### 9. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first		The material basis and	The Material Basis and	Theory and exercise	Homework
the second	2	historical approach to the international economy	Historical Introduction to International Economics	Theory and exercise	Homework
the third		Adam Smith's Theory of	Adam Smith's Theory of	Theory and exercise	Homework
the fourth	2	Absolute Advantage	Absolute Advantage	Theory and exercise	Homework
Fifth	2	David Ricardo's Theory of	David Ricardo's Theory of	Theory and exercise	Homework
VI	2	Comparative Advantage	Comparative Advantage	Theory and exercise	Homework
Seventh	2	International Value Theory	International Value Theory	Theory and exercise	Homework
VIII	2	Opportunity Cost Theory	Opportunity Cost Theory	Theory and exercise	Homework
Ninth	2	Modern Heckscher-Ohlin Theory	Modern Heckscher-Ohlin Theory	Theory and exercise	Homework
The tenth	2	Modern Post-Heckscher-Ohlin	Modern Post-Heckscher-Ohlin	Theory and exercise	Homework
eleventh	2	Theories	Theories	Theory and exercise	Homework
twelfth	2	Labor Mobility and Its	Labor Mobility and Its	Theory and exercise	Homework
Thirteenth	2	Implications	Implications	Theory and exercise	Homework
fourteenth	2	Journal's	Structure of the Balance Payments	Theory and exercise	Homework
Fifteenth			The Automatic Equilibrium Mechanism of Classical Economists	Theory and exercise	Homework
			The Non-Autonomous Equilibrium Mechanism of Keynesian Economists		
			The Equilibrium Mechanism Through Equidity		
			General Money Flows		
			International Settlements (Exchange Rate Markets and Their Functions)		

			Advantages Disadvantages of Exchange Rates The Relationship between Balance of Payments and Exchange Rate		
<b>10. Course Evaluation</b>					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc					
<b>11. Learning and Teaching Resources</b>					
Required textbooks (curricular books, if any)			International Economics Dr. Marwan Ab Malik Thanoun and Fawaz Jarallah Nayef		
Main references (sources)			International Economics Dr. Ghazi Sa Mohammed Al-Taie		
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites			Reputable university websites		



اوسد و نائ  
اسم و توقع بلعن لقسم او الفرع  
د. احسن محمد الدين ابوب

اسم و توقع صمامب لفرع  
د. ٢٠١٠ رباح جميل الخطيب

## Course Description Form

1. Course Name:

Econometrics

2. Course Code:

ECM408

3. Semester / Year:

Semester (2)/ 2025- 2026

4. Description Preparation Date:

1/9/2025

5. Available Attendance Forms:

Physical attending

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

45 Hours / 90 Units

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

Name: Ibrahim A. Ibrahim Al-Chalebi

Email: ibrahem\_adeeb@uomosul.edu.iq

8. Course Objectives

Course Objectives

1. Understanding time series models and Panel data and their most important tests.
2. Using STATA software to analyze time series and Panel data
3. Using time series models and Panel data in economic analysis

9. Teaching and Learning Strategies

Strategy

Giving lectures - solving mathematical problems - discussions - brainstorm - classroom and home exercises - using electronic illustration tools such (Power Point, Excel, Minitab, etc.).

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First	2	Understanding of time series principles	Introduction to Time Series Analysis	Theory, examples and exercises	In-lecture questions and homework
Second	2	Understanding of time series principles	ARIMA models	Theory, examples and exercises	In-lecture questions and homework
Third	2	Understanding of time series tests	Non-Stationarity and Unit-Root Tests	Theory, examples and exercises	In-lecture questions and homework
Fourth	2	Development of skills to using Econometrics softwares	Applied examples using STATA	Theory, examples and exercises	In-lecture questions and homework
Fifth	2	Understanding of multi time series analysis	Cointegration test	Theory, examples and exercises	In-lecture questions and homework
Sixth	2	Understanding of multi time series analysis	Error-Correction Models	Theory, examples and exercises	In-lecture questions and homework
Seventh	2	Development of skills to using Econometrics softwares	Applied examples using STATA	Theory, examples and exercises	In-lecture questions and homework
Eighth	2	Understanding of Panel Data principles	Introduction to Panel Data Analysis	Theory, examples and exercises	In-lecture questions and homework

Ninth	2	Understanding of traditional Panel Data analysis	Fixed Effect Model	Theory, examples and exercises	In-lecture questions and homework
Tenth	2	Understanding of traditional Panel Data analysis	Random Effect Model	Theory, examples and exercises	In-lecture questions and homework
Eleventh	2	Development of skills to using Econometrics softwares	Applied examples using STATA	Theory, examples and exercises	In-lecture questions and homework
Twelfth	2	Understanding of panel Data tests	Unit root test of panel Data	Theory, examples and exercises	In-lecture questions and homework
Thirteenth	2	Understanding of panel Data tests	Cointegration of Panel Data	Theory, examples and exercises	In-lecture questions and homework
Fourteenth	2	Understanding of dynamic Panel Data analysis	Pooled mean Group Estimators	Theory, examples and exercises	In-lecture questions and homework
Fifteenth	2	Development of skills to using Econometrics softwares	Applied examples using STATA	Theory, examples and exercises	In-lecture questions and homework

#### 11. Course Evaluation

Daily preparation (10), daily oral(10), monthly(20), written exams(60).

#### 12. Learning and Teaching Resources

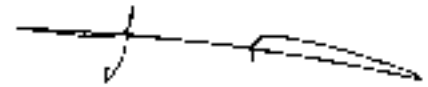
Required textbooks (curricular books, if any): Dimitrios Asteriou & Stephen G. Hal, Applied Econometrics, 4th Edition, 2021.

Main references (sources): Hadi H. Baltagi, Econometric Analysis of Panel Data, Sixth Edition, 2013.

Recommended books and references (scientific journals, reports...)	Robert E. Shumway & David S. Stoffer, Time Series Analysis and Its With R Examples Applications, Third edition, 2011.
Electronic References, Websites	

اوس فخر الدين  
رئيس القسم

أ.م.د. اوس فخر الدين الجويجاتي



مدرس المادة

أ.م.د. إبراهيم أديب إبراهيم