

# Third Stage

## Course Description Form

1. Course Name:

Economic Development

2. Course Code:

ECB 414

3. Semester / Year:

First semester 2025-2026

4. Description Preparation Date:

1- 7 - 2025

5. Available Attendance Forms:

Student attendance lists

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

Three 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



In this course, the student is introduced to the theoretical framework of development learning about the phenomenon of underdevelopment, its characteristics and explaining how to get rid of the phenomenon of underdevelopment, to arrive at the goal of development, as well as the most important theories explaining economic growth well as the policies followed for economic development.

It became clear to the student that the main goal of economic development is to pay attention to most of the matters related to the lives of individuals and their future, and to introduce the student to development theories, become familiar with development indicators, and diagnose the most important economic problems.

9. Teaching and Learning Strategies

Strategy


1. Direct education strategy.
2. Indirect education strategy

3. Directed education strategy
4. Discussion strategy
5. Learning strategy based on preparing reports
6. Brainstorming strategy

#### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	The concepts of economic growth, economic development and sustainable development	Interest in studying economic development, introductory semester	theoretical	Questions and assignments
2	3	Concept, importance, dimensions and standards	General dimensions of development and underdevelopment, criteria for underdevelopment and definition of underdeveloped countries	theoretical	Questions and assignments
3	3	The concept, importance and metrics used	A comprehensive overview of the definition of underdevelopment  The extent to which average per capita income can be used as a measure of underdevelopment and development	theoretical	Questions and assignments
4	3	Characteristics of underdevelopment and underdeveloped countries	Material and non-material characteristics of underdevelopment. The vicious circle theory of poverty	theoretical	Questions and assignments



5	3	The concept, importance, stages and criticisms	Underdevelopment from the point of view of Rostow's stages of development theory	theoretical	Questions and assignments
6	3	classical theory, modern growth theory	Economic growth theories: classical theory, modern growth theory	theoretical	Questions and assignments
7	3	the first exam	the first exam	the first exam	the first exam
8	3	Identify the content of the theory, the most important theoretical assumptions and related relationships	<p style="text-align: center;">Schumpeter's theory</p> 	theoretical	Questions and assignments
9	3	Identify the content of theoretical analysis and the most important assumptions of the model and related relationships	Keynesian analysis and its suitability for developing countries – Harrod -Domar model	theoretical	Questions and assignments
10	3	Identify the content of the analysis and the most important assumptions of the model and related relationships  Addressing economic development strategies	Economic development theories and strategies theories of structural change	theoretical	Questions and assignments
11	3	Identify the content of theoretical analysis and the most important assumptions of the model and related relationships	Arthur Lewis's theory conditions of unlimited supply of labor -  Rosenstein-Rodin structural impulse theory	theoretical	Questions and assignments

12	3	Identify the most important assumptions and criticisms directed at both theories, in addition to the difference between them	Narxeh's balanced growth strategy - Hirschman's unbalanced growth strategy	theoretical	Questions and assignments
13	3	Explaining the importance of the state's role in achieving economic development Explaining the importance of the state's role in achieving economic development	The role of the government in development	theoretical	Questions and assignments
14	3	Presenting the most important internal and external sources of financing development projects	Sources of financing economic development - internal sources of financing - external sources of financing		
15	3	Second exam	Second exam	Second exam	Second exam

### 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)	Dr. Abla Abdel Hamid, 2017, Economic Development and Planning, College Administration and Economics, King Abdul Hamid University.
Main references (sources)	Dr. Abdel Latif Mostafa, Dr. Abdel Rahr Sania, 2014, Studies in Development, Has Al-Asriya Library for Printing, Publishing & Distribution, first edition, Beirut.  Dr. Khamis Khalaf Musa, Dr. Mazen Issa Sheikh, 2000, Economic Development, Dar



Al-Atheer for Printing, Publishing  
Distribution, University of Mosul.

Dr. Ahmed Jaber Badran, 2014, Econo  
Development and Sustainable Developm  
Center for Jurisprudential Studies, Univer  
Economic Book Series.

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

Electronic References, Websites

اوسا  
دارس محمد الدين ابو ج



Handwritten signature and date: 2014  
محمد جابر بدران

## Course Description Form

1. Course Name:

Development policies and experiences

2. Course Code:

ECB 414

3. Semester / Year:

Second semester 2025-2026

4. Description Preparation Date:

1- 7 - 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

Understanding the theoretical framework of economic development policies in terms of concept and importance by identifying each type of relevant policy and its role and impact on overall economic activity.

It is explained to the student that the main goal of economic development policies is to direct economic activity to serve the interests of the country, its individuals, and its future, which is to achieve prosperity and reach an appropriate standard of living. In addition to learning about some of the various experiences and lessons learned from

9. Teaching and Learning Strategies

Strategy

1. Direct education strategy.
2. Indirect education strategy
3. Directed education strategy
4. Discussion strategy

5. Learning strategy based on preparing reports

6. Brainstorming strategy

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	The importance and most prominent government measures to mobilize savings	Economic development policies: savings policy	theoretical	Questions and assignments
2	2	Concept and importance	Investment policy and investment policy priorities	theoretical	Questions and assignments
3	2	Explaining the role of price policy in economic activity	Price policy	theoretical	Questions and assignments
4	2	Identify the concept, importance and goals	Monetary policy	theoretical	Questions and assignments
5	2	Identify the set of procedures related to directing revenues and expenditures	Fiscal policy	theoretical	Questions and assignments
6	2	Identify the measures taken regarding the country's foreign relations in the field of import and export	Foreign trade policy	theoretical	Questions and assignments
7	2	the first exam	the first exam	the first exam	the first exam
8	2		Agricultural development policy + industrial development policy	theoretical	Questions and assignments

9	2	Characteristics of tax systems in developing countries	Tax policy and its foundations	theoretical	Questions and assignments
10	2	Identify sources of external financing	Sources of external financing and the role of international and private institutions	theoretical	Questions and assignments
11	2		Structural stabilization and adaptation programmes	theoretical	Questions and assignments
12	2	Presenting the most important features of the Iraqi experience after 2003	The experience of economic development in Iraq after 2003 + the experience of economic development in the Emirates.	theoretical	Questions and assignments
13	2	Learn about the content of the Egyptian experience in development and the lessons learned from it	The experience of economic development in Egypt	theoretical	Questions and assignments
14	2	Highlighting the theory and the most important lessons learned from it	Singapore's experience in education and development		
15	2	Second exam	Second exam	Second exam	Second exam

### 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)

Dr. Abla Abdel Hamid, 2017, Economic Development and Planning, College of Administration and Economics, King Abdul Hamid University.



Main references (sources)

Dr. Abdel Latif Mostafa, Dr. Abdel Rahr Sania, 2014, Studies in Development, Has Al-Asriya Library for Printing, Publishing Distribution, first edition, Beirut.

Dr. Khamis Khalaf Musa, Dr. Mazen Issa Sheikh, 2000, Economic Development, Dar Al-Atheer for Printing, Publishing Distribution, University of Mosul.

Dr. Ahmed Jaber Badran, 2014, Economic Development and Sustainable Development Center for Jurisprudential Studies, University of Mosul, Economic Book Series.

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

Electronic References, Websites

اوساويانك



أ.م.د. محمد علي حيدر  
مستشار، أوساويانك

## Course Description Form

1. Course Name:	
<b>Environmental economics</b>	
2. Course Code:	
<b>ECB423</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 hours 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>	Introducing the student to the subject of environmental economics, learning about the characteristics of environmental economics, as well as learning about the problems of environmental pollution, their optimal limits, ways to address them, and learning about sustainable development.
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 basic concepts of environment and resources	Basic concepts of environmental and resource economics (introduction)	Theory	Exam and assignments
2	2	Identify the basic concepts of needs and resources	Economy/concepts, foundations, needs, resources, goals	theory	Exam and assignments
3	2	Identify the types of environments and their interests	Environment/concepts, types, interests	Theory and graphs	Exam and assignments
4	2	Learn about the relationship between the economy and the environment	Economy and environment	Theory and graphs	Exam and assignments
5	2	Identify the role of economic activity and its impact on the environment	Economic activity and environment	Theory	Exam and assignments
6	2	Identify the relationship between economic growth and the environment	Economic growth and environment	Theory	Exam and assignments
7	2	Learn about the relationship between population, resources and the environment	Population, resources and environment	Theory	Exam and assignments
8	2	Learn about the concept of sustainable development and the requirements for achieving it	sustainable development	Theory	Exam and assignments



9	2	Introduction to the concepts of environmental pollution	Environmental pollution / what is meant by environmental pollution	Theory	Exam and assignments
10	2	Identify the types of environmental pollution	Types environmental of pollution	Theory	Exam and assignments
11	2	Identify the costs of environmental pollution	Economic and social dimensions of the costs of environmental pollution	Theory and graphs	Exam and assignments
12	2	Learn about procedures to reduce environmental pollution	Economic methods and procedures to reduce environmental pollution	Mathematical theory and equations	Exam and assignments
13	2	Identify the manifestations of environmental pollution	Manifestations of environmental pollution	Theory	Exam and assignments
14	2	Learn about the concept, causes and effects of climate change	Climate change	Theory	Exam and assignments
15	2	Learn about the concept, types and characteristics	Renewable energy	Theory	Exam and assignments

### 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

(curricular books, if any)

Main references (sources)

- أ.د. سماقة ني، أيوب نور احمد، 2006، البيئة والتنمية المستدامة، تحليل العلاقة بين البيئة والتنمية المستدامة مع إشارة خاصة لحالة محافظة أربيل، مكتب التفسير لنشر والإعلان، أربيل.
- القرشي، علي حاتم، 2017، مدخل الاقتصاد البيئي، دار الكتب والوثائق بغداد.
- آل الشيخ، حمد بن محمد، 2007، اقتصاديات الموارد الطبيعية والبيئة، العبيكان للنشر.



Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Various websites on environmental topics on the Internet.
Refresh rate	10%

اوس فخر الدين

اسم وتوقيع رئيس القسم او الفرع

أ.م.د. اوس فخر الدين ايوب

علاء وجيه مهدي

اسم وتوقيع صاحب المقرر

أ.م.د. علاء وجيه مهدي



### Course Description Form

1. Course Name:					
Economic Policies					
2. Course Code:					
3. Semester / Year:					
Q1-2023-2024					
4. Description Preparation Date:					
1-8-2023					
5. Available Attendance Forms:					
6. Number of Credit Hours (Total) / Number of Units (Total)					
45/45					
7. Course administrator's name (mention all, if more than one name)					
Name: Ass.prof.Dr. Abdallah K. Abtan					
Email: abdallah-khdair@uomosul.edu.iq					
8. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> <li>-Identify Problems</li> <li>-Develop solution</li> <li>-policy making</li> </ul>		
9. Teaching and Learning Strategies					
Strategy		<ul style="list-style-type: none"> <li>-Lecture</li> <li>-Discussion</li> <li>-Questions@Answers</li> <li>-Reports</li> <li>-Oral and written exam</li> </ul>			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Understand the topic	Introduction	Presence	Questions@Answers
2	3	Understand the topic	Classic Theory	Presence	Questions@Answers



3	3	Understand the topic	Hypotheses	Presence	Questions@Answers
4	3	Understand the topic	Say Law	Presence	Questions@Answers
5	3	Understand the topic	Quantity Theory of money	Presence	Questions@Answers
6	3	Understand the topic	Labour Market	Presence	Questions@Answers
7	3	Understand the topic	Keynes Theory	Presence	Questions@Answers
8	3	Understand the topic	Income Theory	Presence	Questions@Answers
9	3	Understand the topic	Rate Theory	Presence	Questions@Answers
10	3	Understand the topic	Consumption	Presence	Questions@Answers
11	3	Understand the topic	Investment-Multiples	Presence	Questions@Answers
12	3	Understand the topic	Inflation-Types	Presence	Questions@Answers
13	3		Examination		
14	3	Understand the topic	Theories	Presence	Questions@Answers
15	3	Understand the topic	Unemployment-Types	Presence	Questions@Answers
16	3	Understand the topic	Economic Effects	Presence	Questions@Answers

### 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)	Al-Edressi-Macroeconomic
Main references (sources)	Al-Afandy- Macroeconomic(2013)
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Al-Kateeb- Macroeconomic



Dr. Abdallah K. Ab



أستاذ  
د. أبو بكر الدين أبو بكر

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

<b>1. Course name and academic level</b>	
Agricultural Economic Policies / Third stage	
<b>2. Course code</b>	
ECB415	
<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>Educational benefit, as previous scientific theories help us understand contemporary theories and ideas more fully and better.</p> <p>Identifying the reality of the Iraqi agricultural sector and the policies necessary to develop it.</p> <p>Study the principles and fundamentals of agricultural economic policy.</p> <p>Understanding the reality of agricultural economic policy.</p> <p>Identify the policies needed to improve the agricultural sector.</p>	<p>Course objectives</p>
<b>9. Teaching and learning strategies</b>	
Strategy:	

Assessment is based on participation, discussion, asking and answering questions, and linking topics with intellectual questions. From the current economic reality of all countries, especially our country Iraq.

### 10. Course structure

Evaluation method	Teaching method	Name of unit or topic	Required learning outcomes	watches	week
Tests and discussions	theoretical	Mfhome and dimensions of economic policy For agriculture	Calm In economic policy	2	1
Tests and discussions	theoretical	Agricultural policies under different economic systems	Unless The procedures that economic policies resort to to achieve their goals	2	2
Tests and discussions	theoretical	Means of achieving goals agricultural policy	The media The methods that can be followed to implement agricultural policies in developing countries	2	3
Tests and discussions	theoretical	Pricing policy agricultural		2	4
Tests and discussions	theoretical	Pricing policy agricultural	The concept, objectives and mechanisms of pricing policy	2	5

Tests and discussions	theoretical	Ways to achieve stability for farmers	Production volatility and market balance of agricultural crops	2	6
Tests and discussions	theoretical	Ways to achieve stability for farmers	Union of Agricultural Producers Government programs for farmers	2	7
Tests and discussions	theoretical	Agricultural Marketing Policy	How to apply it	2	8
Tests and discussions	theory	Politics agricultural Tax	Implementation impact mechanisms On producers and price levels	2	9
Tests and discussions	theoretical	Investment policy agricultural	Influencing factors and criteria for evaluating investment success	2	10
Tests and discussions	theoretical	ACredit Policy Agricultural	Concept, conditions and benefits	2	11
Tests and discussions	theoretical	agricultural trade policy	Tools Politics Mechanisms of its impact	2	12
Tests and discussions	theoretical	agricultural trade policy	Tools Politics Mechanisms of its impact	2	13

Tests and discussions	theoretical	Water policy	The importance of agricultural credit  The reality of agricultural credit	2	14
	exam	exam	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. Abdul Ghafour Ibrahim Ahmed, An Economic Perspective on the Food Problem in Iraq, Dar Zahran for Publishing and Distribution, Iraq, 2008.</li> <li>2. Omar Hamid Majeed, "Exploring the Future of Agricultural Development in Iraq in Light of the Global Food Crisis," Master's Thesis, University of Baghdad, College of Administration and Economics, Department of Economics, 2010..</li> <li>3/ Muhammad Umar Al-Tanubi, Adapting Modern Agricultural Technology to Development Requirements in Developing Countries, First Edition, Al-Isha'a Technical Library and Printing House, Egypt, 2001.</li> </ol>	Main References (Sources)
<ul style="list-style-type: none"> <li>- Alaa Wajih Mahdi Al-Nama, The Role of Technical Progress in Developing the Agricultural Sector in Iraq – Nineveh Governorate as a Model, Master's Thesis, University of Mosul, College of Administration and Economics, 2005.</li> </ul>	Recommended supporting books and references (scientific journals, reports...)

<ul style="list-style-type: none"> <li>- Omar Hamid Majeed, The Possibility of Achieving Sustainable Agricultural Development in Iraq, a study published in the Journal of Economic and Administrative Sciences, University of Baghdad, Issue 121, Volume 26, 2020..</li> <li>- Rahman Hassan Ali Al-Maksousi, Agricultural Economics, Taif Printing Company Limited, Baghdad,2013.</li> <li>- Tariq Al-Akeili, Microeconomics, Dar Al-Kutub for Printing and Publishing, University of Mosul, 2001.</li> <li>- Abbas Fadhel Al-Saadi, Food Security in Iraq: Reality and Ambition, Dar Al-Hikma for Printing and Publishing, Baghdad, 1990.</li> <li>- Duaa Qasim Sabry, Turkish Water Policies and Their Impact on Agricultural Economic Development in Iraq for the Period 1990-2022</li> </ul>	
-	Electronic references, websites
-	Curriculum update rate



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

**Dr. Ruqaya Khalaf Hamad**

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

<b>1. Course name and academic level</b>	
Agricultural Economics / Third Stage	
<b>2. Course code</b>	
ECB415	
<b>3. Semester/Year</b>	
First 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>	
<ul style="list-style-type: none"> <li>• Learn about agricultural economics and the factors affecting the agricultural sector.</li> <li>• Methods and ways to advance this sector, identify the most important programs in the agricultural sector, the mechanism of agricultural pricing, and economic resources.</li> <li>• Identify the nature of agricultural technology and the factors affecting it.</li> <li>• The importance of agricultural planning and agricultural marketing and the factors affecting it</li> <li>• Learn about land economics, management, and funding sources.</li> </ul>	<p style="text-align: center;">Course objectives</p>

## 9. Teaching and learning strategies

Accreditation Methods Discussion addition  
To use modern technological means to clarify the lecture.  
Questions Direct and intellectual during the lecture

Strategy:

## 10. Course structure

Evaluation method	Teaching method	Name of unit or topic	Required learning outcomes	watches	week
	theoretical	Agricultural Economics General Concepts The nature of the agricultural sector and the factors affecting it	Concept, importance and features	2	1
	theoretical	Agricultural Production Economics Part 1	Concept, importance and implications	2	2
	theoretical	Production Economics Part 2	Concept, importance and implications	2	3
	theoretical	Agricultural costs	Concept, importance and implications	2	4
	theoretical	Demand for agricultural products+ Agricultural supply And the factors affecting it	Concept, importance and implications	2	5

	theoretical	agricultural technology Obstacles to technology transfer	Concept, importance and implications	2	6
	exam	exam	exam	2	7
	theoretical	agricultural prices	Concept and importance	2	8
	theoretical	agricultural planning	Concept, importance and criticisms	2	9
	theoretical	Agricultural financing	Concept, importance and implications	2	10
	theoretical	Agricultural financing	Concept and importance	2	11
	theoretical	agricultural marketing	Inclusions and influencing factors	2	12
	theoretical	farm management	Concept, importance and influencing factors	2	13
	theoretical	Land economics	Concept and lessons learned	2	14
	exam	exam	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)
Dr. Salem Tawfiq Al-Najfi, 1999, .1 Agricultural Economics: Foundations and Application Dr. Abdul Rahman Al-Moussawi, .2 2013, Agricultural Economics	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 Mathematical Economics 2- 3<sup>rd</sup> stage

1. Course Name:					
Mathematical Economics 2- 3 <sup>rd</sup> stage					
2. Course Code:					
ECB411					
3. Semester / Year:					
Second course 2025-2026					
4. Description Preparation Date:					
1/9/2025					
5. Available Attendance Forms:					
In class					
6. Number of Credit Hours (Total) / Number of Units (Total)					
3 hr. week – 45 hr. monthly					
7. Course administrator's name (mention all, if more than one name)					
<b>Name:</b> Dr. Mohannad Muneer Al-Salman					
<b>Email:</b> Mohanad_alsalman@uomosul.edu.iq					
8. Course Objectives					
<ul style="list-style-type: none"> <li>• Clarifying the relationship between economic variables using mathematical models.</li> <li>• Studying the impact of changes in various economic factors using mathematical functions.</li> <li>• Developing quantitative analysis skills.</li> <li>• Applying methods of algebra, differentiation, and integration to study economic problems.</li> <li>• Using mathematical models for economic forecasting and decision-making.</li> <li>• Analyzing economic data in an accurate and quantitative manner.</li> <li>• Providing solutions based on mathematical analysis rather than relying solely on verbal interpretation.</li> <li>• Developing effective decision-making strategies based on quantitative analysis.</li> <li>• Enabling students and researchers to develop mathematical models to study economic phenomena.</li> <li>• Qualifying students to work in sectors that rely on quantitative analysis, such as banks, financial markets, and economic planning.</li> <li>• Enhancing the skills required in research institutions and economic organizations that rely on mathematical models for decision-making.</li> </ul>					
9. Teaching and Learning Strategies					
<p><b>1- Problem-Based Learning:</b> (Presenting economic problems that require the use of mathematical tools to solve – motivating students to analyze the problem, formulate hypotheses, and use mathematical models to derive solutions)</p> <p><b>2-Cooperative Learning:</b> (Dividing students into groups to solve complex economic issues using mathematical analysis – fostering discussion and the exchange of ideas to solve economic equations).</p> <p><b>3-</b> Assigning students analytical projects that involve collecting and analyzing economic data using mathematical models.</p>					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Development of Mathematical Solving Skills	The Derivative and The Rules of Differentiation	Theoretical, Examples and Exercises	In-lecture questions



					and homework
2	3	Development of Mathematical Solving Skills	Optimization Function	Theoretical, Examples and Exercises	In-lecture questions and homework
3	3	Development of Mathematical Solving Skills	Relationships Among Total, Marginal, And Average Concepts	Theoretical, Examples and Exercises	In-lecture questions and homework
4	3	Development of Mathematical Solving Skills	Profit Maximization	Theoretical, Examples and Exercises	In-lecture questions and homework
5	3	Development analytical thinking Skills	Calculus Of Multivariable Functions	Theoretical, Examples and Exercises	In-lecture questions and homework
6	3	Development analytical thinking Skills	Rules Of Partial Differentiation	Theoretical, Examples and Exercises	In-lecture questions and homework
7	3	Development of Mathematical Solving Skills	Second-Order Partial Derivatives	Theoretical, Examples and Exercises	In-lecture questions and homework
8	3	Development of Static Analysis Skills	Optimization Conditions	Theoretical, Examples and Exercises	In-lecture questions and homework
9	3	Development of Static Analysis Skills	Constrained Optimization and Lagrange Multipliers	Theoretical, Examples and Exercises	In-lecture questions and homework
10	3	Development of partial Static Analysis Skills	Production Functions	Theoretical, Examples and Exercises	In-lecture questions and homework
11	3	Development of partial Static Analysis Skills	Constrained Optimization of Cobb-Douglas Functions	Theoretical, Examples and Exercises	In-lecture questions and homework
12	3	Development of Microeconomic Analysis Skills	Constrained Optimization of CES Production Functions	Theoretical, Examples and Exercises	In-lecture questions and homework
13	3	Development of Microeconomic Analysis Skills	Constrained Optimization of The Utility Function,	Theoretical, Examples and Exercises	In-lecture questions and homework



14	3	Development of Microeconomic Analysis Skills	Elasticities	Theoretical, Examples and Exercises	In-lecture questions and homework
15	3	Development of solving problems Skills	Linear programming	Theoretical, Examples and Exercises	In-lecture questions and homework

### 11. Course Evaluation

Two semester exams with 15 marks with assignments and participation of 10 marks and a final exam of 60 marks

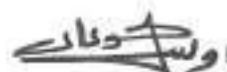
### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	DOWLING, EDWARD T. 2001. INTRODUCTION TO MATHEMATICAL ECONOMICS, 3 <sup>rd</sup> edition, Schaum's Outline Series, McGraw-Hill.
Recommended books and references (scientific journals, reports...)	Wainwright, Kevin & Chiang, Alp 2005, Fundamental Methods Mathematical, Economics 4th Edition
Electronic References, Websites	



Name and signature  
of the course author

Dr. Muhammad Muneer Al-Salman



Name and signature of the  
head of the department or branch




**Course description template**

College :Management and Economics

University: Mosul

Department or branch :Economy

<b>Course Name and the academic stage . ١</b>	
Industrial Policies / Phase Three	
<b>Course Code . ٢</b>	
ECB410	
<b>Term/Year . ٣</b>	
second / 2025-2026	
<b>Date this description was prepared . ٤</b>	
20/8/2025	
<b>Available attendance formats . ٥</b>	
My attendance (two hours)	
<b>Total number of study hours / Total number of units . ٦</b>	
hours / ٢ units 30	
<b>Name of the course coordinator (if there is more than one, mention it), and . ٧</b>	
academic title	
the name:Dr. Abdulwahab Dhunoun Saadoun, Assistant	
<a href="mailto:abdulwahhab_thanon@uomsul.edu.iq">abdulwahhab_thanon@uomsul.edu.iq</a> :Professor Email	
<b>Course Objectives . ٨</b>	
To provide students with basic information about industrial policies and their theoretical foundations, as well as to give a clear picture of traditional and modern industrial policies and their applications in the experiences of countries, especially developing ones.	<p align="center">Course objectives</p> 
<b>Teaching and learning strategies . ٩</b>	
Learning outcomes, teaching and learning methods, and assessment	:strategy
<b>Course Structure . ١٠</b>	

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Duties	theoretical	The concept of industrial policies and their characteristics	an offerThe concept of industrial policies and their characteristics	2	1
Duties	theoretical	Elements and requirements of industrial policies	Elements and requirements of industrial policies	2	2
Duties	theoretical	Types of industrial policies	to explainTypes of industrial policies	2	2
Duties	theoretical	Justifications and objectives of industrial policies	ExplanationJustifications and objectives of industrial policies	2	3
Duties	theoretical	Industrial policy tools	an offerIndustrial policy tools	2	4
Duties	theoretical	Mechanisms for implementing industrial policies	ExplanationMechanisms for implementing industrial policies	2	5
Duties	theoretical	The importance of industrial policies and their role in sustainable development	HighlightThe importance of industrial policies and their role in sustainable development	2	6
Duties	theoretical	The role of industrial policies in the transition towards a sustainable economy.	an offerThe role of industrial policies in the transition towards a sustainable economy	2	8
Duties	theoretical	The role of industrial policies in sustainable growth and development	ExplanationThe role of industrial policies in sustainable growth and development	2	9
Duties	theoretical	Challenges of implementing industrial policies	Explanation and presentationChallenges of implementing industrial policies	2	10
Duties	theoretical	Industrial policies under the import substitution strategy	ExplanationIndustrial policies under the import substitution strategy	2	11
Duties	theoretical	Industrial policies under the export promotion strategy	sweatyIndustrial policies under the export promotion strategy	2	12
Duties	theoretical	Traditional industrial policies and modern industrial policies	to divideTraditional industrial policies and policiesModern industry	2	13
Duties	theoretical	Modern industrial policies: matrix and elements of modern industrial policies	Explanation and presentationModern industrial policies: matrix and elements of modern industrial policies	2	14

Duties	theoretical	The most important successful international experiences in industrial policies (selected) (experiences)	reviewThe most important successful international experiences in industrial policies (selected experiences)	٢	١٥
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### Course EvaluationGrade divisions .١١

,The grade out of ١٠٠ is distributed according to the tasks assigned to the student .such as daily preparation, daily, oral, monthly, and written exams, reports, etc

### Learning and teaching resources .١٢

Dr. Medhat Saleh Al-Quraishi Industrial Economics, ٢nd ,(٢٠١٥) ed., Dar Wael for Publishing and .Distribution, Amman, Jordan	Required textbooks (methodology, if (applicable
Dr. Abdul Ghafour Hassan Kanaan Al-Maamari (٢٠١٠), Economics of .Industrial Production, ١st Edition Dar Wael for Publishing and .Distribution, Amman, Jordan	Main references (sources)
	Recommended supporting books and (...references (journals)Scientific,Reports
	the reviewerElectronic,Internet sites
٪٢٠	Curriculum update rate



Name of the course holder

Asst. Prof. Dr. Abdul wahab Thanoon



Name of the HoD


Asst. P. Dr. Aws F. Ayub.



**Course description template**

Colleg Management and Economics  
Department or branch :Economy

University: Mosul

<b>Course Name and the academic stage .<sup>1</sup></b>	
theeconomyIndustrialThird stage	
<b>Course Code .<sup>2</sup></b>	
ECB410	
<b>Term/Year .<sup>3</sup></b>	
Second 2025-2026	
<b>Date this description was prepared .<sup>4</sup></b>	
1/9/2025	
<b>Available attendance formats .<sup>5</sup></b>	
My attendance (two hours)	
<b>Total number of study hours / Total number of units .<sup>6</sup></b>	
hours / <sup>2</sup> units 30	
<b>Name of the course coordinator (if there is more than one, mention it), and .<sup>7</sup></b>	
the name:Dr. AbdulwahabDhunounSaadoun, Assistant	
<a href="mailto:abdulwahhab_thanon@uomsul.edu.iq">abdulwahhab_thanon@uomsul.edu.iq</a> :ProfessorEmail	
<b>Course Objectives .<sup>8</sup></b>	
Providing students with basic information about theIndustrial economyIts theoretical foundations also provide a clear picture of theFor concepts and topicsTraditional and modern industries and their applications in ,the experiences of countries especially developing .ones.IraqIncluding them	Course objectives 
<b>Teaching and learning strategies .<sup>9</sup></b>	
Learning outcomes, teaching and learning methods, and assessment	:strategy

Course Structure .1 +

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Duties	theoretical	The concept of economy/Industrial	an offerThe concept ofIndustrial economyAnd he founded it	1	1
Duties	theoretical	Industrial economics in economic analysis and economic schools	Elements and requirementsFoundations of Industrial Economics	2	2
Duties	theoretical	The relationship of industrial economics to other economic sciences and beyond	to explainIndustrial economic relations	2	3
Duties	theoretical	The concept of manufacturing and its importance: its advantages/its disadvantages	ExplanationWhat is manufacturing?	2	4
Duties	theoretical	The industrial structure its components and importance	an offerIndustrial structure and its components	2	5
Duties	theoretical	Industrial production, its divisions, and methods of calculation	ExplanationIndustrial production and its divisions	2	6
Duties	theoretical	For planningThe industrial sector: its importance and role in different economies	HighlightingimportanceIndustrial planning	2	7
Duties	theoretical	Manufacturing Strategies	an offerStrategiesManufacturing	2	8
Duties	theoretical	Industrial localization and its determining factors	ExplanationClarification of industrial localization	2	9
Duties	theoretical	Industrial concentration is importantand its economic theIndustrial specialization: its elements and characteristics	clarificationThe concept of industrial concentration	2	10
Duties	theoretical	Industrial specialization: its elements and characteristics	ExplanationStatement of industrial specialization	2	11
Duties	theoretical	Industrial integration its types and importance	Ma'anThe content of industrial integration	2	12

Duties	theoretical	The role of industrial advertising and its economics	an offer topic Advertisement Industrial	٢	١٣
Duties	theoretical	Industrial research and development has its importance and role in modern economies	Explanation and presentation Industrial Research and Development	٢	١٤
Duties	theoretical	Hoffman Industrial stages theory and industrial development	review The most important models of industrial growth and development	٢	١٥

### Course Evaluation Grade divisions .١١

The grade out of ١٠٠ is distributed according to the tasks assigned to the student such as daily preparation, daily, oral, monthly, and written exams, reports, etc

### Learning and teaching resources .١٢

Dr. Medhat Saleh Al-Quraishi Industrial Economics, ٢nd ,(٢٠١٥) ed., Dar Wael for Publishing and Distribution, Amman, Jordan	Required textbooks (methodology, if (applicable
Dr. Abdul Ghafour Hassan Kanaan Al-Maamari (٢٠١٠), Economics of Industrial Production, ١st Edition Dar Wael for Publishing and Distribution, Amman, Jordan	Main references (sources)
	Recommended supporting books and (...references (journals) Scientific, Reports
	the reviewer Electronic, Internet sites
٪٢٠	Curriculum update rate



Name of the course holder

Asst. Prof. Dr. Abdul wahab Thanoon




Name of the HoD

Asst. P. Dr. Aws F. Ayub.



# Fourth Stage

1. Course Name:	
Evaluation of economic projects/ Fourth	
2. Course Code:	
ECO407	
3. Semester / Year:	
Second semester/academic year 2025-2026	
4. Description Preparation Date:	
1/7/2025	
5. Available Attendance Forms:	
Three hours a week	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Three hours per week/three units	
7. Course administrator's name (mention all, if more than one name)	
Name: Mustafa Fadhil Hummadi	
Email: mostafa_fadel@uomosul.edu.iq	
Name: mohammed jassim mohammed	
Email: mohammed.alkhafaji@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

Strategy	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 how to choose the best project	Business profitability standards	A theoretical lecture with illustrative examples	In-lecture questions and homework
2	3	The student's knowledge of calculating the annual return	Simple return standard	A theoretical lecture with illustrative examples	In-lecture questions and homework
3	3	The student's knowledge of calculating the years in which the project recovers its money	Standard recovery period	A theoretical lecture with illustrative examples	In-lecture questions and homework
4	3	The student's understanding of calculating the annual return and the years in which the project recovers its money	Examples of simple return and payback period	Examples and exercises	In-lecture questions and homework
5	3	The student's knowledge of	Linear break-even point standard	A theoretical lecture	In-lecture questions



		calculating break-even		with illustrative examples	and homework
6	3	Student understanding of calculating the break-even point	Examples of the linear break-even point criterion	Examples and exercises	In-lecture questions and homework
7	3	The student knows the current values of the project	Standard net present value of return	A theoretical lecture with illustrative examples	In-lecture questions and homework
8	3	Understand how to calculate current values	Examples of the net present value of return criterion	Examples and exercises	In-lecture questions and homework
9	3	The student knows the current values of the project	Present value of return/cost criterion	A theoretical lecture with illustrative examples	In-lecture questions and homework
10	3	The student knows the current annual values of the project	Standard discount annual return	A theoretical lecture with illustrative examples	In-lecture questions and homework
11	3	The student understands how to evaluate a project based on current value criteria	Examples of present value criteria	Examples and exercises	In-lecture questions and homework
12	3	The student understands how to evaluate	Associated standard cost	A theoretical lecture	In-lecture questions

		projects according to costs only		with illustrative examples	and homework
13	3	The student learned to evaluate projects according to cost only	Examples of associated standard cost	Examples and exercises	In-lecture questions and homework
14	3	Helping the student to calculate the internal rate of return	Internal rate of return standard.	A theoretical lecture with illustrative examples	In-lecture questions and homework
15	3	Training the student to calculate the internal rate of return	Examples of internal rate of return	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)	1- Abdul Aziz Mustafa and Talal Kadawi, 1999, Project Evaluation and Feasibility Studies, Dar Ibn Al-Atheer for Printing and Publishing. 2- Talal Kawin, Evaluation of Economic Projects, 2006



	<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 theses in the department
Electronic References, Websites	<p>1- Nabil Abdel Salam Shaker, economic feasibility studies and evaluation of new projects, Ain Shams University</p> <p>Khalil Muhammad Khalil Attia, Economic Feasibility Studies, Cairo University</p>




  
Name and signature of the decision holder

  
Name and signature of the head of the department

Dr. Mustafa Fadhil Hammadi

Dr. Aws. F. Jwehatee

M.M. Mohammed Jassim Mohammed 

1. Course Name:	
Economic feasibility study/ Fourth	
2. Course Code:	
ECO407	
3. Semester / Year:	
First semester/academic year 2025-2026	
4. Description Preparation Date:	
1/7/2025	
5. Available Attendance Forms:	
Three hours a week	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Three hours per week/three units	
7. Course administrator's name (mention all, if more than one name)	
Name: Mustafa Fadhil Hummadi	
Email: <a href="mailto:mostafa_fadel@uomosul.edu.iq">mostafa_fadel@uomosul.edu.iq</a>	
Name: mohammed jassim mohammed	
Email: <a href="mailto:mohammed.alkhafaji@uomosul.edu.iq">mohammed.alkhafaji@uomosul.edu.iq</a>	
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	Understanding the basics of the feasibility study and its distinction from performance efficiency	Basics of feasibility study and project evaluation	A theoretical lecture with illustrative examples	In-lecture questions and homework
2	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
3	3	The student's understanding of how to discover investment opportunities	Finding the project idea and discovering investment opportunities	A theoretical lecture with illustrative examples	In-lecture questions and homework
4	3	The student's understanding of how to calculate initial feasibility (relative advantage)	Initial selection and initial feasibility	A theoretical lecture with illustrative examples	In-lecture questions and homework
5	3	The student's knowledge of methods for calculating	Examples of initial feasibility	Practical lecture with mathematical examples	In-lecture questions and homework

		comparative advantage			
6	3	The student's knowledge of the components of technical feasibility	Technical feasibility	A theoretical lecture with illustrative examples	In-lecture questions and homework
7	3	The student's knowledge of the components of financial and economic feasibility and the difference between them	Financial feasibility and economic feasibility	A theoretical lecture with illustrative examples	In-lecture questions and homework
8	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
9	3	Understanding environmental relationships and their impact on the project	Environmental feasibility	A theoretical lecture with illustrative examples	In-lecture questions and homework
10	3	Know the implications of returns and costs	Components of returns and costs in the project	Examples and exercises	In-lecture questions and homework
11	3	Distinguish between direct and indirect returns and costs	The difference in treating the items of returns and costs in financial and	Examples and exercises	In-lecture questions and homework



			economic analysis		
12	3	Understand how to convert values from future to present	Expected value, present value, discount factor and basic hypothesis of the discount factor	Examples and exercises	In-lecture questions and homework
13	3	Application to time preference processes	Examples of present value	Practical lecture with mathematical examples	In-lecture questions and homework
14	3	Understand how production factors affect feasibility	Partial evaluation criteria	A theoretical lecture with illustrative examples	In-lecture questions and homework
15	3	Understand applications of partial standards	Examples of partial criteria	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

Recommended 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)	1- Abdul Aziz Mustafa and Talal Kadawi, 1999, Project Evaluation and Feasibility Studies, Dar Ibn Al-Atheer for Printing and Publishing.

	<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 theses in the department
Electronic References, Websites	<p>1- Nabil Abdel Salam Shaker, economic feasibility studies and evaluation of new projects, Ain Shams University</p> <p>Khalil Muhammad Khalil Attia, Economic Feasibility Studies, Cairo University</p>



Name and signature of the decision holder

Dr. mustafa fadhil hammadi

Name and signature of the head of the department

Dr. A.W.S. F. J. weletee

M.M. Mohammed Jassim Mohammed

## Course description template

1- Course Name: Monetary Theory					
2- Course code: ECB421					
3- Academic semester/ year : First semester /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) 45 hours / 3 units					
7- Name of the course coordinator ( list all names if there is more than one)					
Name: Abdulrahman Mohammed Ahmed					
Email: abdulrahmanakrawi@uomosul.edu.iq					
8- Course Objectives					
Course Objectives	The course provides students with the fundamental concepts of critical theories along with the necessary skills and requirements. New experiences and their importance in the future job market, and informing the student about the most important developments in monetary economic theories and how to deal with .crises facing the world's economies and ways to address them				
9- Teaching and learning strategies					
strategy					
10- Course structure					
week	Hours	Required learning outcomes	Unit or topic name	Learning method	Evaluation Method
1 <sup>st</sup>	3	Definition of money	Definition of money and the most important conditions required	By delivering lectures in person	
2 <sup>nd</sup>	3	Origin and development of money	Negative and positive factors	By delivering lectures in person	
3 <sup>rd</sup>	3	Stages of money development	Types of money	By delivering lectures in person	
4 <sup>th</sup>	3	Money display	The concept of money supply and the factors affecting it	By delivering lectures in person	
5 <sup>th</sup>	3	Money display	The need to control the money supply and the role of monetary authorities	By delivering lectures in person	
6 <sup>th</sup>	3	Money display	Monetary base and balance sheet disclosure of the central bank	By delivering lectures in person	



7 <sup>th</sup>	3	Money display	Banks and the public holding cash	By delivering lectures in person	
8 <sup>th</sup>	3	Money display	Current account multiplier and money multiplier	By delivering lectures in person	
9 <sup>th</sup>	3	Demand for money	Classical and Neoclassical Theory	By delivering lectures in person	
10 <sup>th</sup>	3	Demand for money	Keynesian theory of the demand for money	By delivering lectures in person	
11 <sup>th</sup>	3	Demand for money	Motivations for the demand for money according to Keynesian theory	By delivering lectures in person	
12 <sup>th</sup>	3	Demand for money	Monetarist School	By delivering lectures in person	
14 <sup>th</sup>	3	Rational Expectancy Theory	Lucas's criticism	By delivering lectures in person	
14 <sup>th</sup>	3	Rational Expectancy Theory	Taylor's rule for interest rates	By delivering lectures in person	
15 <sup>th</sup>	3		General review		

#### 11- Course evaluation

The grade is distributed out of 40 according to the tasks assigned to the student, such as daily preparation, daily or monthly oral or written exams, reports, etc

#### 12- Learning and teaching resources

Required textbooks (curriculum books, if available)	<p>The prescribed textbook within the sector</p> <ol style="list-style-type: none"> <li>1- "Al-Afandi , Muhammad Ahmad , ( 2014 ) Money, Banks and Monetary Economy ", 4th .ed ., Sana'a, Yemen</li> <li>2- Mr. Ali , Abdul-Moneim. Al-Issa, Nizar Saad Al-Din ( 2004 ), " Money, Banks and Financial Markets ", 1st ed., Dar Al-Hamid for Publishing and Distribution, Kingdom of Jordan</li> <li>3- Al-Khatib , Farouk bin Saleh. (2014), "Money and Monetary Policies", 1st ed., Jeddah Kingdom of Saudi Arabia</li> <li>4- Mishkin F. 2022, The Economy of Money, Banking and Financial Markets, Pearson, England.</li> </ol>
Main references (sources)	
Recommended books and references (...scientific journals, reports)	
Electronic references, websites	

Abdulrahman M. A



أوس ف. دعداعة

Dr. Aws. F. Jwedatee

## Course description template

1- Course Name: Monetary Policies					
2- Course code: ECB421					
3- Semester/ Year : Second Semester/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) 45 hours / 3 units					
7- Name of the course coordinator ( list all names if there is more than one)					
Name: Abdulrahman Mohammed Ahmed : Emailabdulrahmanakrawi@uomosul.edu.iq					
8- Course Objectives					
Course Objectives	The course provides students with the fundamental concepts of monetary policy and banking systems, along with the necessary skills and knowledge and new experiences Its importance in the future job market, and informing the student about the most important developments in modern monetary policies, how to deal with crises facing the world's economies, and ways to address them				
9- Teaching and learning strategies					
strategy					
10- Course structure					
week	Hours	Required learning outcomes	Unit or topic name	Learning method	Evaluation Method
the first	3	Definition and objectives of monetary policy	Definition of ,monetary policy ,primary intermediate, and ultimate goals of monetary policy	By delivering lectures in person	
the second	3	Monetary policy in developed countries	,Money supply ,bank credit interest rate	By delivering lectures in person	
the third	3	Indirect monetary policy tools	Quantitative tools of monetary policy	By delivering lectures in person	
Fourth	3	Open market operations policy and its effectiveness	Definition and mechanism of buying and selling in financial markets	By delivering lectures in person	
Fifth	3	Discount pricing policy and its effectiveness	Mechanism of operation and statement of advantages and disadvantages	By delivering lectures in person	

Sixth	3	The mandatory reserve policy and its effectiveness	The mechanism of action and its contribution to influencing the money supply	By delivering lectures in person	
Seventh	3	Direct monetary policy tools	Qualitative tools of monetary policy	By delivering lectures in person	
Eighth	3	Monetary and banking policy in developing countries	Classical general equilibrium and the role of money	By delivering lectures in person	
Ninth	3	Foreign exchange markets	Foreign exchange rates	By delivering lectures in person	
tenth	3	Foreign exchange markets	Exchange rate analysis in the two regions	By delivering lectures in person	
eleventh	3	Foreign exchange markets	Factors affecting the exchange rate	By delivering lectures in person	
twelfth	3	The concept and theories of credit	Definition of credit and the theories that explain it	By delivering lectures in person	
thirteenth	3	Types of credit	Direct and indirect credit	By delivering lectures in person	
fourteenth	3	inflation	The nature of inflation, its causes, and theories	By delivering lectures in person	
fifteenth	3	Comprehensive review	General review		

#### 11- Course evaluation

The grade is distributed out of 40 according to the tasks assigned to the student, such as daily preparation, daily or monthly oral or written exams, reports, etc

#### 12- Learning and teaching resources

Required textbooks ( curriculum books, if available)	<p>The prescribed textbook within the sector</p> <ol style="list-style-type: none"> <li>1- Al-Afandi , Muhammad Ahmad , ( 2014 ) Money, Banks and Monetary Economy " 4th ed ., Sana'a, Yemen ,"</li> <li>2- Mr. Ali , Abdul-Moneim . Al-Issa, Nizar Saad Al-Din ( 2004 ) , " Money, Banks and Financial Markets " , 1st ed., Dar Al-Hamid for Publishing and Distribution, Kingdom of Jordan</li> <li>3- Al-Khatib , Farouk bin Saleh. (2014) „Money and Monetary Policies", 1st ed" Jeddah, Kingdom of Saudi Arabia</li> <li>4- Mishkin F. 2022, The Economy of Money, Banking and Financial Markets, Pearson, England.</li> </ol>
Main references (sources)	
Recommended books and references (scientific (...journals, reports	
Electronic references, websites	

Abdulrahman M. A.



أ. ف. ج. ج. ج.

Dr. Aus. F. Jwdatee

## Course Description Financial Institutions 4<sup>th</sup> stage

1. Course Name:					
Financial Institutions - 4 <sup>th</sup> stage					
2. Course Code:					
ECB419					
3. Semester / Year:					
Second Course 2025-2026					
4. Description Preparation Date:					
2025\9\1					
5. Available Attendance Forms:					
In class					
6. Number of Credit Hours (Total) / Number of Units (Total)					
15 Hours / Number of Units 2					
7. Course administrator's name (mention all, if more than one name)					
Name: Dr. Muhannad Muneer Al-Salman					
Email: Mohanad_alsalman@uomosul.edu.iq					
8. Course Objectives					
Introduction to Financial Institutions					
The Importance of Studying Financial Institutions					
Study and analysis of the activities of financial institutions in order to address economic problems					
9. Teaching and Learning Strategies					
1. Lecture Method					
2. Student groups					
3. Workshops					
4. Reports and Studies					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	The Concept of Financial Institutions	The Concept of Financial Institutions	Theoretical and Discussions	Questions & Discussions
2	2	Types and Divisions of Financial Institutions	Types and Divisions of Financial Institutions	Theoretical and Discussions	Questions & Discussions
3	2	The Evolution of Financial Institutions	The Evolution of Financial Institutions	Theoretical and Discussions	Questions & Discussions
4	2	Types of Financial Institutions: Central Bank	Types of Financial Institutions: Central Bank	Theoretical and Discussions	Questions & Discussions
5	2	Central Bank Functions	Central Bank Functions	Theoretical and Discussions	Questions & Discussions



6	2	Commercial Banks	Commercial Banks	Theoretical and Discussions	Questions & Discussions
7	2	Characteristics of Commercial Banks	Characteristics of Commercial Banks	Theoretical and Discussions	Questions & Discussions
8	2	Objectives of Commercial Banks	Objectives of Commercial Banks	Theoretical and Discussions	Questions & Discussions
9	2	Functions of the main commercial banks	Functions of the main commercial banks	Theoretical and Discussions	Questions & Discussions
10	2	Secondary Commercial Banking Jobs	Secondary Commercial Banking Jobs	Theoretical and Discussions	Questions & Discussions
11	2	Types of Commercial Banks	Types of Commercial Banks	Theoretical and Discussions	Questions & Discussions
12	2	Specialized Banks	Specialized Banks	Theoretical and Discussions	Questions & Discussions
13	2	Investment Banks	Investment Banks	Theoretical and Discussions	Questions & Discussions
14	2	Islamic Banks	Islamic Banks	Theoretical and Discussions	Questions & Discussions
15	2	International Financial Institutions	International Financial Institutions	Theoretical and Discussions	Questions & Discussions

#### 11. Course Evaluation

Two semester exams with 15 marks with assignments and participations of 10 marks and a final exam of 60 marks

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

Introduction to Financial Institutions Management: Theories and Applications, 2016, Sarmad Kawkab Al-Gemayel,

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

Financial Institutions Management, 2015, Alaa Farhan Taleb, Amman: Dar Al-Ayyam

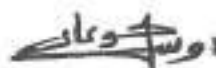
Electronic References, Websites

[www.imf.org](http://www.imf.org)



Name and signature  
of the course author

Dr. Muhannad Muneer Al-Salman



Name and signature of the  
head of the department or branch



**Course description template**

University: Mosul

College: Administration and Economics

Department: Economics

<b>1. Course name and academic level</b>					
Stage Four / Economic Planning					
<b>2. Course code</b>					
ECB					
<b>3. Term/Year</b>					
First semester of the academic year (2025-2026)					
<b>4. Date this description was prepared</b>					
2025/8/18					
<b>5. Available attendance formats</b>					
In-person lectures (2) hours per section / Number (4) for two sections					
<b>6. Total number of study hours / Total number of units</b>					
Actual study hours 30 / 30weeks (A)					
<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: nizaralqahwachi66@uomosul.edu.iq		
<b>8. Course Objectives</b>					
Knowledge of general concepts in economic planning, familiarity with types of economic plans, clarification of the importance of economic planning among the world's approved economic systems, and how to prepare the plan and its stages ending with implementation, at the sectoral and national levels as a whole					Course objectives
<b>9. Teaching and learning strategies</b>					
Strategies ( studying economic cases , guided discussions on the topicdesigning economic plans at the micro level (district or district) simulating ( economic scenarios					:Strategy
<b>10. Course Structure</b>					
Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
	My presence	A quick look at the course	Introductory lecture	2	1
Tests of all kinds	Lectures	The Origins of Economic Planning The concept of economic planning	Chapter One: The Conceptual Framework of Planning and the Plan Understanding the-origins and concept of economic planning	2	2
Tests of all kinds	Lectures	Justifications for economic planning	Understanding the-rationale for planning	2	3

Tests of all kinds	Lectures	Types of economic planning ,Components-principles, and tools of economic planning	-The ability to distinguish between types of economic planning (in terms of comprehensiveness, time frame, indicative and mandatory). -Understanding the components, principles, and tools of economic planning	2	4
Tests of all kinds	Lectures	Planning in the capitalist system and its difference from socialist planning	Understanding-planned economic growth and its difference from actual growth	2	5
Tests of all kinds	Lectures	Types of economic plans Stages of economic planning	And to clarify the difference between ,time-based plans sectoral plans, and .regional plans How to create an economic plan and its .stages	2	6
exam	exam	First exam	First monthly exam	2	7
Tests of all kinds	Lectures	Stages of economic planning processes Preparing the-economic plan at ,the (national ,regional, local spatial planning) level	Chapter Two: Stages of Economic Planning Processes And to learn how to prepare the plan	2	8
Tests of all kinds	Lectures	Implementing and monitoring the plan Successful-implementation of the plan	Understanding how to implement and monitor the plan, and understanding the conditions for the .plan's success	2	9
Tests of all kinds	Lectures	Real-life - experiences in economic planning	Familiarity with the subject of consumption planning Investment and foreign trade	2	10
Tests of all kinds	Lectures	Japan experience	Understanding how to plan the workforce	2	11
Tests of all kinds	Lectures	s experience'	Understanding the steps of workforce planning	2	12
Tests of all kinds	Lectures	The nature and causes of development	Understanding development planning	2	13

		<b>planning in developing economies</b>	<b>and its causes in developing economies</b>		
<b>Tests of all kinds</b>	<b>Lectures</b>	<b>The India-Iraq experience</b>	<b>Understanding the reasons for planning in developing economies</b>	<b>2</b>	<b>14</b>
<b>exam</b>	<b>exam</b>	<b>Second exam</b>	<b>exam</b>	<b>2</b>	<b>15</b>

### 11. Course evaluation and grade breakdown

The coursework grade is distributed as follows: 40% based on the tasks assigned to the student such as daily preparation, daily, oral, monthly, written exams, reports, etc. Then, an end-of-course exam is conducted, comprising 60%, to make the final grade for the course material 100%

### 12. Learning and teaching resources

1. Amaka, F., Eze, M, (2020), "ECONOMIC PLANNING: THEORY AND PRACTICE", Eternal Press Awka , pp 1-159	<b>Required textbooks (methodology, if applicable)</b>
<ol style="list-style-type: none"> <li>1. Badran, Ahmed Jaber, (2013), "Economic Planning and National „Jurisprudential and Economic Studies Accounts", Center for University Economic Book Series, Arab Republic of Egypt, pp. 1-221</li> <li>2. Todaro, MP (2020),"Economics for developing world: An introduction to principles, problems and policies for development", ELEVENTH EDITION, London: Longman Group Limited, pp 1-829 .</li> </ol>	<b>Main references (sources)</b>
<ol style="list-style-type: none"> <li>1. The Arab Planning Institute in Kuwait, (2012), "Planning and Development in Arab Countries", Issue 113, Year 11, pp. 1-24.</li> <li>2. Sabih, Majid Husni, (2010), "Economic Planning for Development", Unit Six, pp. 1-78.</li> <li>3. Youssef, Fouad, (2012), "Economic Planning, Fundamentals and Concepts", Al-Mustansiriya University, College of Administration and Economics, pp. 1-14.</li> <li>4. Khaled, Attallah, (2013), " The Role of Planning in Shaping Public Policy for Economic Development" Case Study: Algeria (1999-2012)", Master's Thesis, University of Constantine, pp. 1-187.</li> </ol>	Recommended supporting books and references (scientific journals, reports)
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 template

University: Mosul      College :Administration and Economics      Department :Economics

**1. course name and academic level**

**Economic Planning Methods / Stage Four**

**2. Course code**

TE-UOMOS-117341009-10

**3. Term/Year**

Second semester of the academic year (2025-2026)

**4. Date this description was prepared**

2026/1/1

**5. Available attendance formats**

**In-person lectures (2) hours per section / Number (4) for the two sections per week**

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

actual study hours (15) weeks per section 30

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

Name: Dr. Nizar Sadiq Elias Al-Qahwaji  
Email: nizaralqahwachi66@uomosul.edu.iq

**Course Objectives .8**

Knowledge of general concepts in economic planning methods and tools familiarity with economic technical methods , the most important commodity and composite budgets, the most important theories adopted for the purposes of macroeconomic planning , and recognition of the user-product method, and .the simplex method adopted for micro-level planning

Course objectives

**Teaching and learning strategies .9**

Strategies ( studying economic cases , guided discussions on the subject, solving mathematical and computational problems and applications at the macroeconomic level, simulating economic .( scenarios

Strategy

**Course Structure .10**

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Tests of all kinds	Lectures immanence	physical scales	The ability to diagnose key economic indicators	2	1
Tests of all kinds	Lectures immanence	Economic aggregate balances	Identifying aggregate scales	2	2

Tests of all kinds	Lectures immanence	Product User Table	Understanding the meaning of "product user"	2	3
Tests of all kinds	Lectures immanence	Mathematical examples of a user-product table	The ability to analyze data and solve problems related to the product user	2	4
Tests of all kinds	Lectures immanence	Harrod-Domar model	Understanding the mathematical and theoretical aspects of the Harrod-Dumar model	2	5
Tests of all kinds	Lectures immanence	Hex model	Understanding the Hicks model and the economic cycle	2	6
Tests of all kinds	Lectures immanence	Two-gap model	Identifying the two-gap model	2	7
exam	Lectures immanence	exam	exam	2	8
Tests of all kinds	Lectures immanence	Hex model	Hicks's theory of the short-run economic cycle	2	9
Tests of all kinds	Lectures immanence	Hicks' Theory	Continuing the topic	2	10
Tests of all kinds	Lectures immanence	standard forHHI measuring sectional deformation	Chapter 3: Sectional Deformation and its Measurement	2	11
Tests of all kinds	Lectures immanence	Productive user style: issues and solutions	Product user	2	12
Tests of all kinds	Lectures immanence	Practical example and homework	Examples and practical solutions	2	13
Tests of all kinds	Lectures immanence	Finding optimal solutions and optimal solution areas by drawing	Linear programming	2	14
exam	exam	exam	exam	2	15

### 11. Course evaluation and grade breakdown

,The coursework grade is distributed as follows: 40% based on the tasks assigned to the student such as daily preparation, daily, oral, monthly, written exams, reports, etc. Then, an end-of-course exam is conducted, comprising 60%, to make the final grade for the course material %100

### 12. Learning and teaching resources

I. Amaka, F., Eze, M, (2020), "ECONOMIC PLANNING: THEORY AND PRACTICE", Eternal Press Awka, pp 1-159

Required textbooks methodology, if (applicable)

<p>1- Dr. Jamal Dawood Salman and Dr. Taher Fadel Hassoun House of Wisdom.</p> <p>2- Dr. Mukhtar Baloul, King Saud University, College of Administrative Sciences, Department of Economics, 2005 Other books and sources, as available.</p> <p>3. Badran, Ahmed Jaber, (2013), "Economic Planning and National Accounts", Center for Jurisprudential and Economic Studies, University Economic Book Series, Arab Republic of Egypt, pp. 1-221</p> <p>3. Todaro, MP (2020), "Economics for developing world: An introduction to principles, problems and policies for development", ELEVENTH EDITION, London: Longman Group Limited, pp 1-829 .</p>	<p><b>Main references (sources)</b></p>
<ul style="list-style-type: none"> <li>• The Arab Planning Institute in Kuwait, (2012), "Planning and Development in Arab Countries", Issue 113, Year 11, pp. 1-24</li> <li>• , "Sabih, Majid Husni, (2010), "Economic Planning for Development Unit Six, pp. 1-78</li> <li>• Youssef, Fouad, (2012), "Economic Planning, Fundamentals and Concepts", Al-Mustansiriya University, College of Administration and Economics, pp. 1-14</li> <li>• Khaled, Attallah, (2013), "The Role of Planning in Shaping Public Policy for Economic Development: A Case Study of Algeria (1999- Master's Thesis, University of Constantine, pp. 1-187 ,(2012</li> </ul>	<p><b>Recommended supporting books and references (scientific (journals, reports, etc</b></p>
<p>nothing</p>	<p>,Electronic references websites</p>
<p>%15</p>	<p>:Curriculum update rate</p>



*اوس فخر الدين الجوائاتي*

**Dr. Aws Fakh Al-Din Al-Juwaijati**

*Nizar Sadiq Elias Al-Qahwaji*

**Dr. Nizar Sadiq Elias Al-Qahwaji**

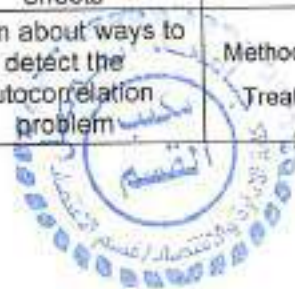
## Course Description Form

1. Course Name:	
<b>Econometrics</b>	
2. Course Code:	
<b>ECB416</b>	
3. Semester / Year:	
<b>Second 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>3 hours per week</b>	
7. Course administrator's name (mention all, if more than one name)	
Name: <b>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>	Introducing the student to the subject of econometrics and enabling him to estimate simple and multiple linear equations, conduct statistical and econometric tests, interpret the results, and make decisions in light of Those results.
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	3	Learn about the nature and concept of the multiple linear regression model	<b>Multiple Linear Regression</b> The Concept of the Multiple Linear Regression	Mathematical theory and examples	Exam and assignments
2	3	Identify the multiple model hypotheses	The Assumption of the Multiple Linear Regression	Mathematical theory and examples	Exam and assignments
3	3	Learn about the mathematical derivation of the ordinary least squares method	Mathematical Derivative of the (OLS) Method	Mathematical theory and examples	Exam and assignments
4	3	Learn about methods for estimating parameters	<b>Estimated of the Parameter</b>	Mathematical theory and examples	Exam and assignments
5	3	Learn about methods for estimating parameters	<b>Estimated of the Parameter</b>	Mathematical theory and examples	Exam and assignments
6	3	Learn about statistical tests in the multiple regression model	<b>Test of Statistical Significance</b> Coefficient Determination ( $R^2$ ), Adjusted Coefficient Determination F-Test Standard Error Test t- Test	Mathematical theory and examples	Exam and assignments
7	3		<b>Second mid-term exam</b>		
8	3	Identify the nature of the self-correlation problem in terms of concept, causes and effects	The Auto Correlation: Concept, Causes, Effects	Mathematical theory and examples	Exam and assignments
9	3	Learn about ways to detect the autocorrelation problem	Methods for Detection, Treatment Methods	Mathematical theory and examples	Exam and assignments



10	3	Identify the nature of the multicollinearity problem in terms of concept, causes and effects	Multicollinearity: Concept, Causes, Effects	Mathematical theory and examples	Exam and assignments
11	3	Learn about methods for detecting the problem of multicollinearity	Methods for Detection, Treatment Methods	Mathematical theory and examples	Exam and assignments
12	3	Identify the nature of the heterogeneity problem in terms of concept, causes and effects	The Hetro Secodastio: Concept, Causes, Effects	Mathematical theory and examples	Exam and assignments
13	3	Identify methods for detecting the problem of heterogeneity	Methods for Detection, Treatment Methods	Mathematical theory and examples	Exam and assignments
14	3	Applications on the computer	Computer Application	Mathematical theory and examples	Exam and assignments
15	3		End of second semester exam		

### 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)	حسين علي بخيت ود. سحر فتح الله /مقدمة في الاقتصاد القياسي/وزارة التعليم العالي والبحث العلمي / 2002 .
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Various lectures in econometrics
Refresh rate	5%

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



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

## Course Description Form

1. Course Name:	
<b>Econometrics</b>	
2. Course Code:	
<b>ECB416</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>3 hours 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>	Introducing the student to the subject of econometrics and enabling him to estimate simple and multiple linear equations, conduct statistical and econometric tests, Interpret the results, and make Decisions in light of those results.
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	3	Learn about the concept of econometrics and economic models	The Concept of Econometrics Economic Models	Mathematical theory and examples	Exam and assignments
2	3	Identify equations, variables, and elements of the economic model	Function and Variables Economic Model Items	Mathematical theory and examples	Exam and assignments
3	3	Learn about economic models and research methodology in econometrics	Types of Economic Model Methodology of Econometrics	Mathematical theory and examples	Exam and assignments
4	3	To learn about the nature and concept of the simple regression model	The Simple Linear Regression Model The Concept of the Linear Model	Mathematical theory and examples	Exam and assignments
5	3	Identify the basic assumptions of the simple regression model	The Assumption of Simple Linear Regression Model	Mathematical theory and examples	Exam and assignments
6	3	Learn about the ordinary least squares method in estimating parameters	Methods for Estimating the Linear Model (The Ordinary Least Squares Method) OLS	Mathematical theory and examples	Exam and assignments
7	3		First midterm exam		
8	3	Identify the estimate by compensation method	Substitution Method	Mathematical theory and examples	Exam and assignments
9	3	Learn about estimation using the determinant method	Determination Method	Mathematical theory and examples	Exam and assignments
10	3	Identify the estimation method using deviations	Deviations Method	Mathematical theory and examples	Exam and assignments
11	3	Learn about the computer-estimating application	Computer Application	Mathematical theory and examples	Exam and assignments

12	3	Learn about statistical tests in the simple model	Test of Statistical Significance Coefficient Determination ( $R^2$ ) Adjusted Coefficient Determination F- Test D-W	Mathematical theory and examples	Exam and assignments
13	3	Determine the significance of the estimated parameters using the standard error test and the t-test	Test of the Significance of the Estimated Parameter Standard Error Test t- Test P-Value	Mathematical theory and examples	Exam and assignments
14	3	Applications on the computer	Apply tests on the computer	Mathematical theory and examples	Exam and assignments
15	3		End of first 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)	حسين علي بخيت ود. سحر فتح الله /مقدمة في الاقتصاد القياسي/وزارة التعليم العالي والبحث العلمي/ 2002 .
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Various lectures in econometrics
Refresh rate	5%

اوس فخر الدين  
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>					
Economic Systems / Fourth / First Course					
<b>2. Course Code:</b>					
ECM402					
<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: Rabah_jamel@uomosul.edu.iq					
<b>7. Course Objectives</b>					
<b>Course Objectives</b>			<ul style="list-style-type: none"> <li>• By the end of the course, students will understand the following:</li> <li>• - Various economic systems across history</li> <li>• - Economic analysis of each economic idea</li> </ul>		
<b>8. Teaching and Learning Strategies</b>					
<b>Strategy</b>		Delivering the lecture, adopting the discussion and explorat method, using technological means to clarify the lecture a brainstorming			
<b>9. Course Structure</b>					
<b>Week</b>	<b>Ho urs</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluati on method</b>

the first		Introduction to the Study of Economic Systems	The Material Basis and Historical Introduction to International Economics	Theory and exercises	Homework
the second	2	The Influential Forces and Components of the Economic System	Adam Smith's Theory of Absolute Advantage	Theory and exercises	Homework
the third			David Ricardo's Theory of Comparative Advantage	Theory and exercises	Homework
the fourth	2	The Process of Formation of Economic System and Its Relationship to Economic and Political Theory	International Value Theory	Theory and exercises	Homework
Fifth	2		Opportunity Cost Theory	Theory and exercises	Homework
VI	2		Modern Heckscher-Ohlin Theory	Theory and exercises	Homework
Seventh	2	The Origin and Development of the Economic System	Modern Post-Heckscher-Ohlin Theories	Theory and exercises	Homework
VIII	2	General Characteristics and Institutions of the Capitalist System	Labor Mobility and Its Implications	Theory and exercises	Homework
Ninth	2		Structure of the Balance Payments	Theory and exercises	Homework
The tenth	2	Strengths and Weaknesses of Capitalist System	The Automatic Equilibrium Mechanism of Classical Economists	Theory and exercises	Homework
eleventh	2		The Non-Autonomous Equilibrium Mechanism of Keynesian Economists	Theory and exercises	Homework
twelfth	2	The Future of the Capitalist System	The Equilibrium Mechanism Through Liquidity and Goods Money Flows	Theory and exercises	Homework
Thirteenth	2	The Nature of Marxist Theory (Historical Transition and General Nature)	International Settlement (Exchange Rate Markets and Their Functions)	Theory and exercises	Homework
fourteenth	2	The Marxist Theory of Value	Advantages and Disadvantages of Exchange Rates	Theory and exercises	Homework
Fifteenth		Wages Marx's Theory of Surplus Value and Capitalist Accumulation Criticism of Marxist Economic Theory Centralized Socialism / Definition / Characteristics The Soviet Centralized Model Historical Perspective Soviet Institutions, Structures, Imbalances, and Their Reforms Alternative Forms of Centralized Socialism	The Relationship between Balance of Payments and Exchange Rate	Theory and exercises	Homework

10. 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					
11. Learning and Teaching Resources					
Required textbooks (curricular books, if any)		International Economics Dr. Marwan Abdul Malik Thanoun Fawaz Jarallah Nayef			
Main references (sources)		International Economics Dr. Ghazi Saleh Mohammed Al-Taib			
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites		Reputable university websites			



أوس محمد نايف  
اسم وتوقيع رئيس القسم أو المرفوع  
د. أوس محمد الدين أبو زيد

اسم وتوقيع صاحب المقرر  
أ.م.د. باع محمد الحبيب

## Course Description Form

<b>1. Course Name</b>	
International economic policies/ Third / Second Course	
<b>2. Course Code:</b>	
ECM409	
<b>3. Semester / Year:</b>	
2025-2026	
<b>4. Description Preparation Date:</b>	
31/1/2026	
<b>5. Available Attendance Forms:</b>	
Weekly	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
(Two hours a week)	
<b>4. Course administrator's name (mention all, if more than one name)</b>	
Name: Rabah Jamil Al-Khatib	
Email: Rabah_jamel@uomosul.edu.iq	
<b>5. Course Objectives</b>	
Course objectives	<p>By the end of the course, students will understand the following:</p> <p>Understand the general principles of international economic policies.</p> <p>Understand monetary systems throughout history.</p> <p>In addition, they will gain an understanding of global organizations and regional blocs.</p>
<b>6. Teaching and Learning Strategies</b>	
<b>Strategy</b>	Giving the lecture, adopting the method of discussion and exploration using technological means to clarify the lecture and brainstorming.

## 7. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2	The Concept of the International Monetary System / Gold Standard	The Concept of the International Monetary System / Gold Standard	Theory and exercise	Homework
the second		System / Paper Currency	System / Paper Currency	Theory and exercise	Homework
the third		System	System	Theory and exercise	Homework
the fourth	2	What is the Bretton Woods Agreement / Its	The Bretton Woods Agreement / Its	Theory and exercise	Homework
Fifth	2	Establishment - Collapse	Establishment - Collapse	Theory and exercise	Homework
VI	2	The Post-Bretton Woods Monetary System	The Post-Bretton Woods Monetary System	Theory and exercise	Homework
Seventh	2	Monetary Liquidity and Components	Monetary Liquidity and Components	Theory and exercise	Homework
VIII	2	The Dialectical Relations between International Trade and Economic Growth	International Trade and Relationship to Economic Growth	Theory and exercise	Homework
Ninth	2	International Exchange Rates (Concept and Types)	International Exchange Rates (Concept and Types)	Theory and exercise	Homework
The tenth	2	International Policy Instruments	International Policy Instruments	Theory and exercise	Homework
eleventh	2	Customs Tariffs and Their Economic Effects	Customs Tariffs and Their Economic Effects	Theory and exercise	Homework
twelveth	2	Dumping - Concept, Conditions, Types	Dumping - Concept, Conditions, Types	Theory and exercise	Homework
Thirteenth	2	Learn about international and regional economic organizations	International and Regional Economic Organization	Theory and exercise	Homework
fourteenth	2	What is the International Monetary Fund?	International Monetary Fund	Theory and exercise	Homework
Fifteenth	2	Learn about the General Agreement on Tariffs and Trade (GATT)	General Agreement on Tariffs and Trade (GATT)	Theory and exercise	Homework
		What is the International Bank for Reconstruction and Development	International Bank for Reconstruction and Development	Theory and exercise	Homework



## Course Description Form

<b>1. Course Name:</b>	
International Economics / Third Stage / First Course	
<b>2. Course Code:</b>	
ECM410	
<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: Rabah_jamel@uomosul.edu.iq	
<b>7. Course Objectives</b>	
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• By the end of the course, students will understand the following:</li> <li>• - Many economic problems at the global level.</li> <li>• - How to conduct economic analysis of these problems and arrive the right solutions to overcome them with the least possible losses.</li> </ul>
<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 explorat approach, use technological means to clarify the lecture, a brainstorm economic solutions to these problems, and arrive the right solutions to overcome them with the least possible losses.</li> </ul>
<b>9. Course Structure</b>	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first			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				Theory and exercise	Homework
the fourth	2	Adam Smith's Theory of Absolute Advantage	Adam Smith's Theory of Absolute Advantage	Theory and exercise	Homework
Fifth	2	David Ricardo's Theory of Comparative Advantage	David Ricardo's Theory of Comparative Advantage	Theory and exercise	Homework
VI	2			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			Theory and exercise	Homework
eleventh	2	Modern Post-Heckscher-Ohlin Theories	Modern Post-Heckscher-Ohlin Theories	Theory and exercise	Homework
twelfth	2	Labor Mobility and Its Implications	Labor Mobility and Its Implications	Theory and exercise	Homework
Thirteenth	2			Theory and exercise	Homework
fourteenth	2	Balance of Payments	Structure of the Balance of 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 of Keynesian Economists Through Liquidity Preference		
			General Money Flows		
			International Settlements (Exchange Rate Markets and Their Functions)		
			Advantages and 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		



اوسى وناى  
اسم رتو صبح رئيس القسم او الفرع  
د. اصراخنا الدين ايوب

اسم رتو صبح صاحب المقرر  
أ.م.د. رباح حميد الخياط

**Course Description Form**

**University: Mosul**

**Collage: Administration and Economics**

**Department: Economics**

**1. Course Name and Stage of Study**

Economic applications on the Eviews program / Bachelor - fourth stage

**2. Course Code**

ECB19

**3. Semester/Year**

First Semester/ 2025-2026

**4. Date of preparation of this description**

25/8/2025

**5. Available Attendance Forms**

Attendance list

**6. Number of credit hours (total) / number of units (total)**

2/ 30

**7. Name of the course administrator (if more than one name) and scientific title**

Name: Dr. Ibrahim AdeeB Ibrahim / Assistant Professor

Email: [ibrahem\\_adeeb@uomosul.edu.iq](mailto:ibrahem_adeeb@uomosul.edu.iq)

**8. Course Objectives**

Course Objectives

1. Enable economics students to deal with economic and statistical data using the EViews environment.
2. Developing students' abilities to analyze time series, cross-sectional data and panel data. Develop students' skills in estimating economic models, testing hypotheses and interpreting results
3. Prepare students to use EViews in research and practical applications in academic and research fields.

**9. Teaching and learning strategies**

Strategy:

- 1) Problem-based learning: (presenting economic problems that require the use of mathematical tools to solve them - motivating students to analyze the problem, develop hypotheses, and use mathematical models to derive solutions).

2) Cooperative learning: (dividing students into groups to solve complex economic problems using mathematical analysis - promote discussion and exchange of ideas to solve economic equations)  
 Assign students to analytical projects that include collecting and analyzing economic data using mathematical models.

### 10. Course Structure

Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	The week
Questions inside the lecture and homework	Theoretical, examples and exercises	Learn about the basic user interface in EViews	Developing econometric analysis skills	2	1
Questions inside the lecture and homework	Theoretical, examples and exercises	Supported data types	Developing econometric analysis skills	2	2
Questions inside the lecture and homework	Theoretical, examples and exercises	Import and export data	Developing econometric analysis skills	2	3
Questions inside the lecture and homework	Theoretical, examples and exercises	Clean and arrange data	Developing econometric analysis skills	2	4
Questions inside the lecture and homework	Theoretical, examples and exercises	Perform meta-statistics and graph data	Developing econometric analysis skills	2	5
Questions inside the lecture and homework	Theoretical, examples and exercises	Estimating a simple and multiple linear regression model	Developing econometric analysis skills	2	6
Questions inside the lecture and homework	Theoretical, examples and exercises	Practical exercise	Developing econometric analysis skills	2	7
Questions inside the lecture and homework	Theoretical, examples and exercises	Testing the Basic Assumptions of Regression.	Developing econometric analysis skills	2	8
Questions inside the lecture and homework	Theoretical, examples and exercises	Practical exercise	Developing econometric analysis skills	2	9
Questions inside the lecture and homework	Theoretical, examples and exercises	Extract results, tables and graphics from EViews	Developing econometric analysis skills	2	10

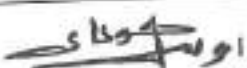
Questions inside the lecture and homework	Theoretical, examples and exercises	Practical exercise	Developing econometric analysis skills	2	11
Questions inside the lecture and homework	Theoretical, examples and exercises	Extract results, tables and graphics from EViews	Developing econometric analysis skills	2	12
Questions inside the lecture and homework	Theoretical, examples and exercises	Practical exercise	Developing econometric analysis skills	2	13
Questions inside the lecture and homework	Theoretical, examples and exercises	Extract results, tables and graphics from EViews	Developing econometric analysis skills	2	14
Questions inside the lecture and homework	Theoretical, examples and exercises	Practical exercise	Developing econometric analysis skills	2	15


### 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)
EViews 12 User's Guide	Key references (sources)
<ul style="list-style-type: none"> <li>EViews 10 Tutorial by Manfred W. Keil to Accompany Introduction to Econometrics by James H. Stock and Mark W. Watson</li> </ul>	Recommended supporting books and references (scientific journals, reports...)
<u>EViews: Principal Component Analysis: Part II (Practice)</u>	Electronic references, websites
20%	Curriculum update rate

  
 Name and signature of the head of the department or branch  
 Assoc. Prof. Aws Fakhir Aldin Aljuwaijati

  
 Name and signature of the course holder  
 Assoc. Prof. Ibrahim Adeeb Ibrahim