

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



Course Description Third Stage Oil Branch

2025

Course Description Form

1- Course Name :					
Macroeconomics					
2- Course Code :					
3- Semester / Year :					
First -semester /					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(3) Units Per Week					
7- Course Administrators' Name					
Dr. Baidaa Razaq					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	3		Introduction to macroeconomic study	lecture	Daily preparation
2	3		National National Income Accounts	lecture	Daily preparation
3	3		National income flow model	lecture	Daily preparation
4	3		Classical Theory: Basic Assumptions	lecture	Daily preparation
5	3		Classic Theory: Sai Law and balance in the market for goods and services	lecture	Daily preparation
6	3		Classical Theory: Traditional Employment Theory and Balance in the Labour Market	lecture	Daily preparation

7	3		Classic Theory: Interest Rate Theory and Balance in the Capital Market	lecture	Daily preparation
8	3		Classic Theory: Theory of the amount of cash and balance in the money market	lecture	Daily preparation
9	3		Criticism of classical theory	lecture	Daily preparation
10	3		Keynesian theory: basic assumptions	lecture	Daily preparation
11	3		Consumer spending and consumption function	lecture	Daily preparation
12	3		Investment spending	lecture	Daily preparation
13	3		Income balance in a two-sector economy	lecture	Daily preparation
14	3		Simple multiplier	lecture	Daily preparation
15	3		Accelerator principle	lecture	Daily preparation
11-Course Evaluation					
Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree					
12-Learning And Teaching Resources					
Required Textbooks (Curricular Books , If Any)					
Main Reference :			.PROF.SAMI OBAID MOHAMMED . (2020) Lectures in macroeconomics		
Electronic Reference :					

Course Description Form

1- Course Name :					
Environment and energy					
2- Course Code :					
3- Semester / Year :					
2024-2025					
4- Description Preparation Date :					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(3) Units Per Week					
7- Course Administrators' Name					
Dr. Nadwa Hilal					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	3		environmental economy	lecture	Daily preparation
2	3		Micro-environmental economics	lecture	Daily preparation
3	3		environmental macroeconomics	lecture	Daily preparation
4	3		The interaction between the economy and the environment	lecture	Daily preparation
5	3		pollution concept	lecture	Daily preparation

6	3		economic resources	lecture	Daily preparation
7	3		Natural Resources	lecture	Daily preparation
8	3		Earth	lecture	Daily preparation
9	3		environmental resources	lecture	Daily preparation
10	3		Agriculture, pastures and forests	lecture	Daily preparation
11	3		climate resources	lecture	Daily preparation
12	3		natural disasters	lecture	Daily preparation
13	3		Human Resources	lecture	Daily preparation
14	3		Problems caused by pollution	lecture	Daily preparation
15	3		Energy sources and pollution	lecture	Daily preparation

11-Course Evaluation

Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree

12-Learning And Teaching Resources

Required Textbooks (Curricular Books , If Any)	
Main Reference :	The Book of Environment and Pollution \ Prof. Dr. Nadwah Hilal and Prof. Dr. Muntazer Fadel
Electronic Reference :	

Course Description Form

1. Course Name:					
Mathematical Economics (1)					
2. Course Code:					
3. Semester / Year:					
First					
4. Description Preparation Date: Semester					
2024-2025					
5. Available Attendance Forms:					
Attendance only					
6. Number of Credit Hours (Total) / Number of Units (Total)					
7. Course administrator's name (mention all, if more than one name)					
Name : Ali Talib Shihab Email : Ali.shihab@uobasrah.edu.iq					
8. Course Objectives					
1- The student must be familiar with the conceptual framework of mathematical economics 2 - Providing the student with information on the mathematical methods used in presenting and solving partial and static equilibrium models, along with an explanation of the impact of micro or macro economic policies on market equilibrium at the micro level and income at the macro level (taxes and subsidies). 3- Employing the product method used in static aggregate equilibrium analysis and economic planning					
9. Teaching and Learning Strategies					
Providing the student with the basics and additional topics related to the educational outcomes, assigning students to solve assignments individually and jointly, collecting information about the course topics from various sources, exchanging the scientific material and its sources with each other through lectures and group discussion of the program topics, as well as solving examples, and encouraging external readings in the study program topics					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	To clarify the concepts and terminology of mathematical economics	Introduction to mathematical economics	- lecture	- Daily preparation

				- Question and answer method - Discussion style - Method of solving questions - Participation in the classroom - Class tests - Extracurricular duties - First exam - A second exam - final exam	
2	3	Explain what static equilibrium is	The concept of static equilibrium		
3	3	Understand the diversified liquid market	Simple partial market equilibrium		
4	3	Understand the market and taxes	Market equilibrium and taxes		
5	3	Understand the market juice and pubs	Market equilibrium and subsidies		
6	3	Understanding the fluid market for unconventional rates	Market equilibrium for nonlinear equation		
7	3	Understand the market for the products of the two producers	The equilibrium price and quantity for two-commodity model		
8	3	Understand the market of three models	The equilibrium price and quantity for three-commodity model		
9	3		the first exam		
10	3	Understanding the equilibrium of simple national income	Static simple national income equilibrium		
11	3	Understanding national income balance	national income equilibrium		
12	3	Understanding the balance of national income and disposable income	Equilibrium income and disposable income		

13	3	Understand the nature and use of product user tables	Leontief model (Input – output model)		
14	3		Second exam		
15	3		review		
11.Course Evaluation					
Exams (20), Solving assignments (10), Comprehension score (5), Participation (10), Attendance (5)..... Final score (50)					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)		1 - Alpha C .Chiang , Fundamental method of mathematical Connics , 1984 2- علي درب كسار الحبالي ، الاقتصاد الرياضي ، 2014 3- كريم مهدي الحسنواي ، المدخل الى الاقتصاد الرياضي ، 1988			
Electronic References, Websites		1- عدنان فرحان الجوراني , الرياضيات الاقتصادية تطبيقات و حلول , 2016 2 – Paul H. Daus and William M. Whyburn , introduction to mathematical analysis 1962			

Course Description Form

1. Course Name:					
Oil Policies					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
5. Available Attendance Forms:					
Attendance only					
6. Number of Credit Hours (Total) / Number of Units (Total)					
DR. Taher					
7. Course administrator's name (mention all, if more than one name)					
8. Course Objectives					
This course is concerned with the study of oil policy, considering oil the most important sources of energy in the contemporary world. It discusses the political and economic importance of oil, its role in international politics, and its impact on the development of the oil sector in Iraq and the Middle East. The course is also concerned with studying the economic indicators of oil reserves and oil policy in choosing oil investment patterns and oil policy between oil savings and oil extraction, and focuses on the study of Iraq's oil policy and its role in achieving stability in the global oil market and policy					
9. Teaching and Learning Strategies					
Strategy					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Basic concepts in the study of oil and economic policy			
2	2	Economic indicators of oil reserves			
3	2	Methods for estimating oil reserves			
4	2	Oil policy in choosing oil investment patterns			

5	2	Oil policy between saving and extracting oil			
6	2	Oil consumption (demand) policy			
7	2	A theoretical model for rationalizing oil production decisions			
8	2	Production costs and its impact on oil policy			
9	2	Oil investment stimulus policy (foreign and local companies)			
10	2	The policy of linking oil energy sources to economic development			
11	2	The policy of securing stable oil supplies			
12	2	National oil pricing policies			
13	2	Oil investment stimulus policy (foreign and local companies)			
14	2	The policy of linking oil energy sources to economic development			
15	2	The policy of securing stable oil supplies			

11.Course Evaluation

, Participation:5 Degree , Attendance: 5 Degree , Exams: 40 Degree.
Total : 50 degree

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Electronic References, Websites	

Course Description Form

1- Course Name :					
Oil economy					
2- Course Code :					
3- Semester / Year :					
2024-2025					
4- Description Preparation Date :					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Dr. Amjad Sabah					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1			Oil economy as a branch of economics	lecture	Daily preparation
2			Definition of crude oil and its installation	lecture	Daily preparation
3			Determination of oil fertility for wells	lecture	Daily preparation
4			Theories will be oil	lecture	Daily preparation
5			Organic theory	lecture	Daily preparation

6			Ladical theory	lecture	Daily preparation
7			Metal theory	lecture	Daily preparation
8			The types of crude oil and its products	lecture	Daily preparation
9			Measuring crude oil and conversion	lecture	Daily preparation
10			Petroleum density	lecture	Daily preparation
11			Economic functions of oil	lecture	Daily preparation
12			Theories of resources	lecture	Daily preparation
13				lecture	Daily preparation
14			Hobert Model	lecture	Daily preparation
15			Petroleum industry stages	lecture	Daily preparation
11-Course Evaluation					
Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree					
12-Learning And Teaching Resources					
Required Textbooks (Curricular Books , If Any)					
Main Reference :			احمد حسين علي الهيتي ، مقدمة في اقتصاديات النفط ، بيروت ، 2010 . [2] يحيى حمود حسن ، أسواق النفط الخام العالمية ، العراق ، 2015 .		
Electronic Reference :					

Course Description Form

1- Course Name :					
Gas economy					
2- Course Code :					
3- Semester / Year :					
2024-2025					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Dr. Amjad Sabah					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	2		Natural gas combination	lecture	Daily preparation
2	2		Natural gas processing	lecture	Daily preparation
3	2		Natural gas properties	lecture	Daily preparation
4	2		Natural gas production costs	lecture	Daily preparation
5	2		liquefied petroleum gas	lecture	Daily preparation
6	2		Liquefied natural gas	lecture	Daily preparation

7	2		Convert gas to liquid hydrocarbons derivatives	lecture	Daily preparation
8	2		CNG compressed	lecture	Daily preparation
9	2		Structural natural gas markets	lecture	Daily preparation
10	2		Global Gas Markets	lecture	Daily preparation
11	2		Economics of natural gas industry	lecture	Daily preparation
12	2		The global reserve of natural gas	lecture	Daily preparation
13	2			lecture	Daily preparation
14	2		Global consumption of natural gas	lecture	Daily preparation
15	2		International trade of natural gas	lecture	Daily preparation
11-Course Evaluation					
Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree					
12-Learning And Teaching Resources					
Required Textbooks (Curricular Books , If Any)					
Main Reference :			مجد صباح عبد العالي ،اقتصاديات الغاز الطبيعي ، شركة الغدير للطباعة والنشر ، العراق ، 2015. [2] نبيل جعفر عبد الرضا و امجد صباح عبد العالي ، صناعة النفط والغاز في العراق : الاتجاهات الحالية والمستقبلية ، مركز الامارات للدراسات والبحوث الاستراتيجية ، الامارات ،2015.		
Electronic Reference :					

Course Description Form

1- Course Name :					
Oil industry					
2- Course Code :					
3- Semester / Year :					
2024-2025					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Muslim Hassan					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	2		Oil and its importance and the history of the crude oil extraction industry in the world	lecture	Daily preparation
2	2		Classification of the economic activity of the oil industry	lecture	Daily preparation
3	2		Oil Classification and Processing – Specific	lecture	Daily preparation

			Weight and Relative Specific Weight of API Oil		
4	2		The concept of the oil industry	lecture	Daily preparation
5	2			lecture	Daily preparation
6	2		of the oil industry	lecture	Daily preparation
7	2		Phases of the oil industry	lecture	Daily preparation
8	2		=	lecture	Daily preparation
9	2		Crude oil deposits	lecture	Daily preparation
10	2		Crude oil transportation - land and sea transportation methods	lecture	Daily preparation
11	2		For transport by pipelines - land - river and sea by tankers	lecture	Daily preparation
12	2		Crude Oil Refining - Preparing Crude Oil for Refining	lecture	Daily preparation
13	2		Crude oil refining facilities and general refining operations	lecture	Daily preparation
14	2		Special Refining Processes	lecture	Daily preparation
15	2		A brief history of the use of shale oil	lecture	Daily preparation

11-Course Evaluation

Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree

12-Learning And Teaching Resources

Required Textbooks (Curricular Books , If Any)	
Main Reference :	
Electronic Reference :	

Course Description Form

1- Course Name :					
Oil Techniques					
2- Course Code :					
3- Semester / Year :					
2024-2025					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Sattar Kareem					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	3		The stage of detection, investigation and exploration	lecture	Daily preparation
2	3			lecture	Daily preparation
3	3		Exploratory and developmental drilling phase	lecture	Daily preparation
4	3			lecture	Daily preparation

5	3		The most prominent oil fields in the world	lecture	Daily preparation
6	3			lecture	Daily preparation
7	3			lecture	Daily preparation
8	3			lecture	Daily preparation
9	3		Chemicals used in drilling oil wells	lecture	Daily preparation
10	3			lecture	Daily preparation
11	3		Oil traps	lecture	Daily preparation
12	3			lecture	Daily preparation
13	3			lecture	Daily preparation
14	3		Economic factors	lecture	Daily preparation
15	3		Oil extraction stage	lecture	Daily preparation
11-Course Evaluation					
Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree					
12-Learning And Teaching Resources					
Required Textbooks (Curricular Books , If Any)					
Main Reference :					
Electronic Reference :					

Course Description Form

1- Course Name :					
Macroeconomics					
2- Course Code :					
3- Semester / Year :					
2024-2025					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(3) Units Per Week					
7- Course Administrators' Name					
Dr. Baidaa Razaq					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	3		Keynesian theory: government spending	lecture	Daily preparation
2	3		Keynesian theory: external spending	lecture	Daily preparation
3	3		Balance in the commodity and services market and deriving the IS curve	lecture	Daily preparation
4	3		Balance in the cash market and derivation of the LM curve	lecture	Daily preparation

5	3		examination	lecture	Daily preparation
6	3		Effectiveness of fiscal and monetary policies in the IS-LM model	lecture	Daily preparation
7	3		Inflation -1	lecture	Daily preparation
8	3		Inflation - 2	lecture	Daily preparation
9	3		examination	lecture	Daily preparation
10	3		Unemployment	lecture	Daily preparation
11	3		The relationship between inflation and unemployment (Phelps curve)	lecture	Daily preparation
12	3		Economic cycles	lecture	Daily preparation
13	3		examination	lecture	Daily preparation
14	3		Fiscal Policy	lecture	Daily preparation
15	3		Monetary policy	lecture	Daily preparation

11-Course Evaluation

Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree

12-Learning And Teaching Resources

Required Textbooks (Curricular Books , If Any)	
Main Reference :	PROF.SAMI OBAID MOHAMMED . (2020). Lectures in macroeconomics
Electronic Reference :	

Course Description Form

1. Course Name:					
Environment and energy 2					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
2024-2025					
5. Available Attendance Forms:					
Attendance only					
6. Number of Credit Hours (Total) / Number of Units (Total)					
hours per week3 hours per semester 45					
7. Course administrator's name (mention all, if more than one name)					
Name: Prof. nadwah hilal jouada nadwah.hilal@uobasrah.edu.iq Email:					
8. Course Objectives					
1- Knowledge of the concepts of environment and pollution 2- Knowing the forms and characteristics of types of pollution 3- Knowing the benefits of preserving the environment through environmental, economic and social sustainability 4- Knowing ways to get rid of pollutants 5- Knowing the negatives that accompany the establishment of environmentally polluting industries 6- Ways to address pollution through imposing environmental taxes					
9. Teaching and Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied. With the students being divided into groups to research a topic, awareness programmer, video lectures, and educational, awareness-raising and explanatory posters.					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	3 hours	Environmental economics	Chapter One: Definitions and basic concepts	lecture	daily preparation
2		Environmental microeconomics	Chapter Two: Economic resources and pollution		
		Macro environmental economics	Chapter Three: The effects of pollution on the environment	lecture	oral exams
3		The intersection between economics and environment		lecture	daily preparation
		The concept of energy and its relationship to the environment			
4		The concept of pollution		Lecture	oral exams
		Economic resources, natural resources, land	Chapter Four: Renewable and fossil energies		
5		Environmental resources		lecture	Reports
6		Problems caused by pollution		lecture	daily preparation
		Air, water, soil pollution			
7		Conventional and renewable energy sources	Chapter Five Types of Pollution	lecture	oral exams
		Natural gas			
8		Oil and its derivatives	Chapter Six Sustainable Development	lecture	First semester exam
		Coal			
		Renewable energy, reasons for resorting			daily preparation

9		to and searching for new sources of energy	Chapter Seven: The social costs of pollution	lecture	oral exams
10		Oil pollution		Lecture	
		Noise pollution			
		Waste and recycling			
11		Oil pollution	lecture	daily preparation	
		Noise pollution			
		Waste and recycling			
12		Sustainable development and the relationship between development and the environment	Chapter Eight: Environmental phenomena	lecture	daily preparation
		Economic aspects of pollution			
		Marginal benefits and costs of environmental developments			
13		– Marginal benefits		lecture	oral exams
		– Social costs			
		Ideal level of pollution			
14		Taxes and environment		lecture	Reports
		Environmental standards			
		Economic policies and environmental protection			
15				lecture	Second half exam

		Environmental phenomena Global – Warming – Desertification Biodiversity – Decontamination policies			
11. Course Evaluation					
50 marks for monthly and daily semester exams by monitoring student participation and observing students' performance in answering questions and other assignments, and 50 marks for final exams.					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			lal, Basics Professor Dr. Nadwah Environment and Pollution, 2016		
Main references (sources)			1		
Recommended books and references (scientific journals, reports...)			Multiple master's and doctoral theses that change every year with environmental developments, and published research in this regard		
Electronic References, Websites					

Course Description Form

1. Course Name:					
Mathematical Economics (2)					
2. Course Code:					
3. Semester / Year:					
second					
4. Description Preparation Date:					
2024-2025					
5. Available Attendance Forms:					
Attendance only					
6. Number of Credit Hours (Total) / Number of Units (Total)					
7. Course administrator's name (mention all, if more than one name)					
me : Ali Talib Shihab Email : Ali.shihab@uobasrah.edu.iq					
8. Course Objectives					
1 - Providing the student with information about the mathematical methods used in comparative consonant analysis 2- Employing derivatives in finding elasticities 3 - Employing derivatives in and finding marginal functions 4 - Employing constrained and unconstrained differentiation and optimization methods to find the maximum or minimum limits and partial elasticities of production. 5 - Employing integration methods to find producer and start-up surplus 6 - Providing the student with mathematical analysis tools for use in motor analysis					
9. Teaching and Learning Strategies					
Providing the student with the basics and additional topics related to the educational outcomes, assigning students to solve assignments individually and jointly, collecting information about the course topics from various sources, exchanging the scientific material and its sources with each other through lectures and group discussion of the program topics, as well as solving examples, and encouraging external readings in the study program topics					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Explain what comparative static analysis	The concept of Comparative static Analysis	- lecture	

2	3	Understanding comparative static equilibrium	Comparative static equilibrium	- Question and answer method - Discussion style - Method of solving questions	- Daily preparation - Participation in the classroom - Class tests - Extracurricular duties - First exam - A second exam - final exam
3	3	Flexibility	Elasticity		
4	3	Basic ideas: marginal revenue and marginal costs	Marginal ideas marginal revenue, marginal cost		
5	3	Marginal ideas, marginal utility, and marginal propensity to consume and save	marginal ideas marginal utility, marginal propensity to consume and save		
6	3	Optimum, maximum and minimum limits	Optimization Maximization and Minimization		
7	3	Optimization for one variable (maximizing revenue, minimizing costs, maximizing (profit	Optimization for a single variable(maximize revenue , minimize cost , maximize profit)		
8	3	Optimization for two variables (maximizing revenue, minimizing costs, maximizing (profit	Optimization for two variables (maximize revenue , minimize cost , maximize profit)		
9	3	Constrained optimization	Optimized for constrained		

10	3	Production function analysis	Analysis Production function		
11	3		the first exam		
12	3	Kinetic analysis, total functions	ynamic Analysis Total functions		
13	3	Consumer surplus and producer surplus	onsumer`s Surplus and Producer`s Surplus		
14	3	Dynamic equilibrium, the market model (cobweb) and the national income model	Dynamic equilibrium, the market model (cobweb) and the national income mode		
15	3		Second exam		

11.Course Evaluation

Exams (20), Solving assignments (10), Comprehension score (5), Participation (10), Attendance (5)..... Final score (50)

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	1 - Alpha C .Chiang , Fundamental method of mathematical Connics , 1984 2- علي درب كسار الحيايي ، الاقتصاد الرياضي ، 2014 3- كريم مهدي الحسنوي , المدخل الى الاقتصاد الرياضي , 1988
Electronic References, Websites	1- عدنان فرحان الجوراني , الرياضيات الاقتصادية تطبيقات و حلول , 2016 2 – Paul H. Daus and William M. Whyburn , introduction to mathematical analysis 1962

Course Description Form

1- Course Name :					
Scientific research methods					
2- Course Code :					
3- Semester / Year :					
2nd Semester					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Dr. Mohammed Hasan					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	2		What is scientific research	lecture	Daily preparation
2	2		Scientific research proposal and steps	lecture	Daily preparation
3	2		Prepare a research plan	lecture	Daily preparation
4	2		Research methods	lecture	Daily preparation
5	2		First monthly exam	lecture	Daily preparation

6	2		Elements of writing a research plan	lecture	Daily preparation
7	2		Research writing methodology	lecture	Daily preparation
8	2		Practical steps for writing	lecture	Daily preparation
9	2		The second monthly exam	lecture	Daily preparation
10	2		What is a quote and its types	lecture	Daily preparation
11	2		How is the source quoted	lecture	Daily preparation
12	2		How is source written	lecture	Daily preparation
13	2		The third monthly exam	lecture	Daily preparation
14	2		Great and analyze tables and graphs	lecture	Daily preparation
15	2		Application examples	lecture	Daily preparation

11-Course Evaluation

Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree

12-Learning And Teaching Resources

Required Textbooks (Curricular Books , If Any)	
Main Reference :	
Electronic Reference :	

Course Description Form

1- Course Name :					
English					
2- Course Code :					
3- Semester / Year :					
2 nd Semester /					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Siham Nasir					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	2		Personality development	lecture	Daily preparation
2	2		Common Grammar mistakes	lecture	Daily preparation
3	2		Computers under attack	lecture	Daily preparation
4	2		Vocabulary development.	lecture	Daily preparation
5	2			lecture	Daily preparation

6	2		Economics subjects (Great Depression)	lecture	Daily preparation
7	2		How to develop your skills in English	lecture	Daily preparation
8	2		Creative brain	lecture	Daily preparation
9	2		Midterm exam	lecture	Daily preparation
10	2		How to talk about your self	lecture	Daily preparation
11	2		How to write an essay	lecture	Daily preparation
12	2		EXAMPLE OF AN ESSAY "BRAILLE SYSTEM"	lecture	Daily preparation
13	2		Innovations, discoveries and processes.	lecture	Daily preparation
14	2		Travel and tourism	lecture	Daily preparation
15	2		Vocabulary development	lecture	Daily preparation

11-Course Evaluation

Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree

12-Learning And Teaching Resources

Required Textbooks (Curricular Books , If Any)	1. Sara Philpot, Academic Skills Level 2. Oxford, Headway.
Main Reference :	
Electronic Reference :	

Course Description Form

1. Course Name:
Economic development
2. Course Code:
3. Semester / Year:
2024-2025
4. Description Preparation Date:
5. Available Attendance Forms:
Attendance only
6. Number of Credit Hours (Total) / Number of Units (Total)
45 hours per semester. 3 hours per week
7. Course administrator's name (mention all, if more than one name)
Name: Assis. Prof. RABEE KASIM THAJEEL Rabee.thajeel@uobasrah.edu.iq Email:
8. Course Objectives
1- The student must be familiar with the conceptual framework of economic development. 2- To be familiar with the characteristics of developing countries. 3- Knowing the obstacles to the economic development process and their appropriate solutions, especially the optimal exploitation of resources and the role of social structures in obstructing or creating real economic development. 4- Providing the student with special information about developing economies and analytical methods and skills in the field of development economics and calculating development indicators to evaluate development reality and track their trends. 5- To be familiar with the reality of development in Iraq, its obstacles, and ways to bring about real development in Iraq.
9. Teaching and Learning Strategies
providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3 hours	Concepts of growth and development	The difference between growth and development	lecture	daily preparation
2		Understand the characteristics and obstacles to development	Characteristics of developing countries and obstacles to development	lecture	oral exams
3		Concepts and indicators	economic backwardness	lecture	daily preparation
4		Understand the theoretical basis	vicious circle theory	lecture	oral exams
5		Understand the theoretical basis and the link between them	and Big push Balanced Growth Theories	lecture	Reports
6		Understand the general framework and criticisms of balanced growth	unbalanced growth theory	lecture	daily preparation
7		Understand the theoretical basis	Leading industries and growth centers theories	lecture	oral exams
8		Understand the theoretical basis and criticisms	The theory of manufactured industries and	lecture	First semester exam

9			criticisms of balanced growth		
		Understand the theoretical basis and motivations	Neoliberal politics	lecture	daily preparation
10					oral exams
		forms of structural imbalances	Structural Imbalances Analysis	Lecture	
11					daily preparation
		Interpretation of the model and practical use	Analyzing structural imbalances using the two-gap model	lecture	
12					daily preparation
		Concept and reasons	The domestic resource gap	lecture	
13					oral exams
		Concepts and forms of financing and its problems	development finance	lecture	
14		Theoretical basis	modern growth theory	lecture	Reports
15					Second half exam
		Features and challenges	Economic development in Iraq	lecture	

11. Course Evaluation

50 marks for monthly and daily semester exams by monitoring student participation and observing students' performance in answering questions and other assignments, and 50 marks for final exams.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	1- علي حاتم القريشي، اقتصاديات التنمية، 2017، النجف الاشرف. 2- احمد عازف العساف، محمود حسين الوادي، التخطيط والتنمية الاقتصادية، ط1، 2011، عمان. 3- محمد صالح تركي القريشي، علم اقتصاد التنمية، ط1، 2010، عمان.
Recommended books and references (scientific journals, reports...)	1- د.ماجد حسني صبحي التنمية الاقتصادية جامعة القدس المفتوحة عمان 2008 2- د.عبلة عبد الحميد، محاضرات في التنمية والتخطيط الاقتصادي، جامعة الملك عبد العزيز ، 2017
Electronic References, Websites	<u>تقرير التنمية البشرية</u> https://www.un.org/ar/esa/hdr/ <u>تقرير التنمية المستدامة على الصعيد العالمي لعام 2023</u> https://sdgs.un.org/ar/gedr تقرير التنمية البشرية الوطني للعراق 2023 https://www.undp.org/ar/iraq/press-releases/iraqs-national-human-development-report-strengthening-social-contract-iraq

Course Description Form

1. Course Name: Natural Gas Economic 2	
2. Course Code:	
3. Semester / Year: Second	
2024-2025	
4. Description Preparation Date:	
5. Available Attendance Forms:	
Attendance only	
6. Number of Credit Hours (Total) / Number of Units (Total)	
2	
7. Course administrator's name (mention all, if more than one name)	
Dr.Amjad Sabah Abdulalii.	
8. Course Objectives	
	Course Objectives: - study of the reality of the natural gas industry in Iraq through: Study of the economics of natural gas in Iraq (reserves, production and consumption). - Evaluating contracts for develop the natural gas industry in Iraq, starting with studying the oil licensing rounds and then the contract to develop the Basra Gas Company. - Study the future of the natural gas industry in Iraq and future strategic proposals and solutions for the possibility of developing the natural gas industry in Iraq.
9. Teaching and Learning Strategies	
Strategy	Comprehensive and organized knowledge of the basics of the global natural gas industry that enables the student to gain a good understanding of that industry and then understand and know the reality of the natural gas industry in Iraq compared to global industries.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understanding and knowledge	Natural gas industry in Iraq	lecture	Daily test
2	2	Understanding and knowledge	economics of the natural gas industry in Iraq	lecture	Daily test
3	2	Understanding and knowledge	Reserve and production of natural gas	lecture	Daily test
4	2	Understanding and knowledge	Natural gas transport pipelines	lecture	Daily test
5	2	Understanding and knowledge	Natural gas consumption	lecture	Daily test
6	2	Understanding and knowledge	Problems of natural gas industry in Iraq	lecture	Daily test
7	2	Understanding and knowledge	Evaluation of investment contracts for the oil and natural gas	lecture	Daily test
8	2	Understanding and knowledge	Evaluation of oil licensing tours and its impact on the development of natural gas industry	lecture	Daily test
9	2	Understanding and knowledge	First and second bidding round	lecture	Daily test
10	2		Quarterly exam	-	quarterly exam
11	2	Understanding and knowledge	Third and fourth bidding round	lecture	
12	2	Understanding and knowledge	Assessment of licensing tours and its impact on the future development of the natural gas industry in Iraq.	lecture	Daily test
13	2	Understanding and knowledge	Evaluation of the establishment of Basra gas company Basrah Gas Company (BGC)	lecture	Daily test
14	2	Understanding and knowledge	Future estimates for the production and export of natural gas in Iraq	lecture	Daily test

15	2		Final Second course Exam		-
11.Course Evaluation					
, Participation:5 Degree , Attendance: 5 Degree , Exams: 40 Degree. Total : 50 degree					
12.Learning and Teaching Resources					
Required textbooks (curricular books, if any)			1-اقتصاديات صناعة الغاز الطبيعي. 2-مستقبل صناعة الغاز الطبيعي في العراق.		
Main references (sources)					
Electronic References, Websites					

Course Description Form

1- Course Name :					
Oil policies 2					
2- Course Code :					
3- Semester / Year :					
2 nd Semester / 2024-2025					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Dr Taher					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	2		Oil production policies (how to set a production policy) • State monopoly on the oil sector • Involving the private sector in oil facilities	lecture	Daily test
2	2		Involving foreign companies	lecture	Daily test

			Determine the quantities of current and future local energy consumption Quantities of various energy sources consumed and their geographical distribution		
3	2		The future of consumption Appropriate consumption policy Policies to diversify national energy sources (both depleted and renewable).	lecture	Daily test
4	2		Strengthening the position of renewable and alternative energy production in oil policy	lecture	Daily test
5	2		Establishing an appropriate policy that guarantees a stable economic resource	lecture	Daily test
6	2		Imposing legitimate sovereignty over the oil resource	lecture	Daily test
7	2		Planning after the exhaustion of oil energy	lecture	Daily test
8	2		Determine the quantities of refined and exported crude oil	lecture	Daily test
9	2		Determine the geographical distribution of oil exports	lecture	Daily test
10	2		The necessity of integrating any country's oil policy	lecture	Daily test

			with global energy policy		
11	2		Integration of global energy policy into the environmental aspect	lecture	Daily test
12	2		Global oil consumption and future expectations	lecture	Daily test
13	2		The policy of producers inside OPEC and outside OPEC	lecture	Daily test
14	2		Revision	lecture	Daily test
15	2		Final exam	lecture	Daily test
11-Course Evaluation					
Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree					
12-Learning And Teaching Resources					
Required Textbooks (Curricular Books , If Any)					
Main Reference :					
Electronic Reference :					

Course Description Form

1- Course Name :					
Economics of Iraq energy					
2- Course Code :					
3- Semester / Year :					
2 nd Semester / 2024-2025					
4- Description Preparation Date :					
2024-2025					
5- Available Attendance Forms :					
Attendance Only					
6- Numbers Of Credit Hours (Total) / Numbers Of Units (Total)					
(2) Units Per Week					
7- Course Administrators' Name					
Dr. Jawad Kadhim					
8- Course Objectives					
The student's knowledge of the basics and principles of the subject . •Student knowledge of the subject . •Student knowledge of the most important issues and problems •Enable the student to analyze and be able to draw conclusions •Enable students to choose from several available alternatives					
9- Teaching And Learning Strategies					
By providing the student with the basics and additional topics related to educational outcomes, assigning students to joint research, collecting information from various sources, exchanging scientific material and its sources with each other, and forming open discussion circles on the vocabulary studied.					
10- Course Structure					
Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
1	2		First: the Iraqi economy 1- Characteristics of the Iraqi economy 2- Structural imbalances in the Iraqi economy Second: The concept of energy economics	lecture	Daily test
2	2			lecture	Daily test

			1- Types of energy in Iraq 2- Forms of energy Energy features		
3	2		Third: The reality of energy consumption in Iraq	lecture	Daily test
4	2		(crude oil, natural gas, nuclear energy, renewable energy (solar energy, hydroelectric energy))	lecture	Daily test
5	2		First: The beginning of oil exploration in the history of Iraq	lecture	Daily test
6	2		Second: Iraqi oil in the time of nationalization	lecture	Daily test
7	2		Third: Iraqi oil in times of wars and sanctions	lecture	Daily test
8	2		Fourth: Iraqi oil after the change of the political regime in 2003	lecture	Daily test
9	2		First: The reality of Iraq's oil and gas reserves	lecture	Daily test
10	2		Second: Classification of discovered Iraqi oil reserves Third: Distribution of oil reserves according to density	lecture	Daily test
11	2		Fourth: Oil reserves according to geographical distribution	lecture	Daily test
12	2		- Fields of the southern region Fields of the northern region	lecture	Daily test
13	2		First: The advantages of Iraqi oil production	lecture	Daily test

			Second: The correct production policy		
14	2		First: The first stages of gas extraction Second: Reserve, production and consumption	lecture	Daily test
15	2		exam	lecture	Daily test
11-Course Evaluation					
Exam : 40 Degree , Participation : 5 Degree , Attendance : 5 Degree , Total : 50 Degree					
12-Learning And Teaching Resources					
Required Textbooks (Curricular Books , If Any)			Oil Economy - Dr. Nabil Jaafar Abdel Reda		
Main Reference :					
Electronic Reference :					