

## Program Description Form Academic

For the academic year 2023–2024

University name: University Tikrit

College/Institute: College Management and Economics

Scientific Department: Department Economy

Name of academic or professional program: Department of Economics

Final Certificate Name: Bachelor Sciences in Economics

Academic system: Course system

Description preparation date: 1/28/2024

Date of filling the file: 1/28/2024

التوقيع:

اسم المعاون العلمي: ا.م.د. أشرف هاشم

فارس العبدون

التاريخ:

التوقيع:

اسم رئيس القسم: ا.م.د. إبراهيم

عبدالله جاسم

التاريخ:

دقق الملف من قبل

شعبة ضمان الجودة والأداء الجامعي

اسم مدير شعبة ضمان الجودة والأداء الجامعي: أسامة موسى فرحان

التوقيع:

التاريخ: / /

مصادقة السيد العميد

## 1. Program Vision

- ❖ Effective contribution to building an advanced economy based on sound planning in accordance with economic policies that suit reality. And following an advanced scientific approach in preparing economic curricula

## 2. Program message

- ❖ The objective need of the public and private sectors requires the formulation of economic plans and programmes at the micro and macro levels and the development of policies to achieve a set of economic and social objectives according to priorities embodied by the necessities and available capabilities. Here, it is necessary to prepare specialised cadres to conduct economic research and studies in a way that contributes to deepening economic awareness and maximising the economic and social benefits of available resources.

## 3. Program objectives

1. Graduating specialized cadres in the field of planning and building economic policies, capable of integrating into the labor market and lifeEconomic.
2. Developing students' skills to enable them toIntegration into the labor market.
3. Motivating and supporting the faculty in the department to conduct studies and provide consultations.EconomicFor public and private entities inIraq.
4. Effective contribution to preparing training and continuing education programs to develop expertise and skills in public and private sector institutions.And private.

## 4. Program accreditation

5. DoThe programIs the program accredited? And from which authority? both

## 5. Other external influences

6. Is there a sponsor? For the program? Yes, the Ministry of Higher Education and Scientific Research, the Presidency of Tikrit University, and the Deanship of the College of Administration and Economics

## 6. Program Structure

comments	percentage	Study unit	Number of courses	Program Structure

	<b>6.9%</b>	<b>10</b>	<b>5</b>	Institutional Requirements
	<b>7.5%</b>	<b>11</b>	<b>4</b>	College Requirements
	<b>85.6%</b>	<b>125</b>	<b>55</b>	Department Requirements
	<b>Completed</b>			Summer training
				Other

\*Notes may include whether the course is core or optional.

### Course Description / Curriculum of the Department of Economics

Course	Course name	Course code	Year/Level
theoretical			
	<b>3</b>	<b>Management principles</b>	<b>First</b>
	<b>3</b>	<b>Principles of Economics 1</b>	
	<b>2</b>	<b>Principles of Statistics</b>	
	<b>1</b>	<b>Computer 1</b>	
	<b>2</b>	<b>Arabic</b>	
	<b>2</b>	<b>Human rights and democracy</b>	
	<b>3</b>	<b>Economic Readings1English</b>	
	<b>2</b>	<b>Principles of mathematics</b>	
	<b>3</b>	<b>Accounting principles</b>	

2	Economic Readings 2English		
3	Principles of Economics 2		
2	English language		
3	Microeconomic theory1		<b>Second</b>
2	Baath crimes		
2	Economic statistics1		
2	National Accounts1		
2	Economic facts history		
2	Economics of money		
2	Human Resource Economics		
3	Computer 1		
2	Mathematics for Economists		
3	Microeconomic Theory 2		
2	Economic Statistics 2		
2	English language		
2	History of Economic Thought 2		
2	Banking Economics		
2	National Accounts2		
1	Computer2		
2	Mathematics for Economists 2		
3	Mathematical Economics 1		<b>Third / General Economics</b>
2	International Economy		
2	Economic development		
3	Public Finance		

	3	Macroeconomics 1		
	2	Agricultural economics		
	2	Environmental Economics		
	2	Industrial economy		
	2	Knowledge Economics		
	2	English language		
	2	Development policy		
	2	Financial policy		
	2	Industrial policy		
	2	Agricultural policy		
	2	International Policy		
	3	Mathematical Economics 2		
	3	Macroeconomics 2		
	2	Economic development		
	3	Sports economics		
	3	Public Finance		
	2	Industrial economy		
	2	Educational guidance		
	3	Macroeconomics 1		
	2	English language		
	2	Educational management		
	2	Development policy		
	3	International Economy		
	3	Agricultural economics		

	1	Computer		
	2	psychology		
	3	Macroeconomics 2		
	2	Educational foundations		
	2	Financial policy		
	3	Critical theory		<b>Fourth</b>
	3	Econometrics 1		
	3	Economic systems		
	2	Search methods		
	2	International Finance		
	2	Operations Research 1		
	3	Economic feasibility studies		
	2	Oil Economics		
	2	Economic planning		
	3	Monetary policy		
	3	Econometrics2		
	2	Computer applications (EV)		
	3	Economic Project Evaluation		
	2	Financial institutions		
	2	Operations Research 2		
	2	English language		
	2	Planning policy		
	2	Energy Economics		
<b>Learning outcomes of the program</b>				

<p>ing the labor market with the necessary om human resources.</p>	<ul style="list-style-type: none"> <li>- Providing graduates who are able to perform economic analysis and forecast economic variables.</li> <li>- Disseminating knowledge in government institutions to achieve the aspirations of society.</li> </ul>
<p>ility of economics graduates to conduct nic feasibility studies and statistical s.</p>	<ul style="list-style-type: none"> <li>- The ability to solve economic problems that economic activity suffers from, such as inflation and recession.</li> <li>- Exchange of experiences and data with ministries with economic decision-making powers</li> </ul>
<p>puts should be knowledgeable and n how to accomplish the tasks assigned n.</p>	<ul style="list-style-type: none"> <li>- Providing economic advice to the public and private sectors.</li> </ul>
<p>nce to professional ethics and the ability onstrate high professional competence.</p>	<ul style="list-style-type: none"> <li>- Establishing social and ethical responsibility.</li> <li>- Serving the community and meeting its requirements.</li> </ul>
<p>dent must believe in the principles of y and transparency, and have the ability to he concepts of quality management.</p>	<ul style="list-style-type: none"> <li>- Integrity and transparency.</li> <li>- Quality.</li> </ul>
<p><b>Learning and learning strategies</b></p>	
<p>ive learning: Encouraging students' active participation in learning processes, such as discussions, group activities, and problem solving, to enhance their deep understanding of mathematical concepts.</p> <p>perative learning: Encouraging students to work together in small groups to solve problems related to their studies and sharing ideas, which contributes to enhancing interaction and knowledge exchange between them.</p>	

of Technology: Leveraging technology to provide interactive learning tools such as computer software and online resources to enhance student understanding and motivation.

problem-based learning: presenting specific problems and motivating students to think critically and solve it.

Administrative To solve it.

Instructional Strategies: Providing a variety of instructional strategies, such as interactive practical lessons, and hands-on exercises, to meet the diverse needs of students.

Administrative Encourage students to develop thinking skills. Administrative Such as planning and inference, by providing stimulating questions and applied problems.

Administrative Provide immediate feedback: Provide mechanisms to provide immediate feedback to students on their performance and understanding of concepts. Administrative, whether through periodic assessments or direct interaction with the teacher.

## Assessment methods

Classroom performance assessment: This includes assessing students' performance during lessons, labs and workshops, whether through written tests or continuous assessment of their participation and understanding of the material.

Participation in discussions and activities: Students' participation in class discussions, group activities, and individual projects can be assessed to assess their understanding and engagement with the material.

Tests and assignments: Students may be given regular tests and assessment assignments to assess their problem-solving skills related to their field of expertise and their understanding of the concepts presented.

Evaluating participation in research: The extent to which students participate in research activities on scientific projects can be assessed, and an evaluation can be provided of their presentation style and analysis of their results and conclusions.

Practical Performance Evaluation: Students can be evaluated in practical performance

through: Visits Process and participation in applied activities.

Evaluation of external participation: This includes evaluation of the extent of students' participation in external activities such as conferences, seminars, and sports competitions.

Evaluation of Personal and Professional Development: Students' personal, professional and academic development can be evaluated during their participation in the faculty mentoring program.



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**Requirements/Skills  
(if any)****Specialization****Academic Rank**

private

general

International  
Economy

economy

Prof. Dr. Abdul Razzaq Hamad Hussein  
KhalafEconomic  
development

economy

Prof. Dr. Makhif Jassim Hamad Ali

Public Finance

economy

Prof. Dr. Khalaf Mohammed Hamad  
Abdul-JubouriMonetary  
policies

economy

Asst. Prof. Dr. Khalil Ismail Aziz Bazawi

International  
Economy

economy

Asst. Prof. Dr. Ibrahim Abdullah Jassim  
Issa

Macroeconomics

economy

A.M.D. Anmar Ghaleb Kleib Mutlaq

Public Finance

economy

Asst. Prof. Dr. Amer Sami Munir  
Dawood Al-AniEconomic  
development

economy

A.M.D. Fouad Farhan Hussein Mukhlef

International  
Economy

economy

A.M.D. Khattab Imran Saleh Daman

Macroeconomics

economy

Asst. Prof. Dr. Ziad Ezz El-Din Taha  
Talib

International

economy

Asst. Prof. Dr. Yasra Salem Nayef

		Economy		Abdul Janabi
ange		Monetary policies	economy	Asst. Prof. Dr. Omar Abdullah Mohammed Hejeij
ange		Finance and Banking	economy	Asst. Prof. Dr. Kilan Ismail Abdullah Mohammed
ange		Macroeconomics	economy	Dr. Khader Jassim Hamad Fahal Al-Jabouri
ange		Finance and Credit	economy	Dr. Alaa Abdul Jabbar Hussein Hamad
ange		Public Finance	economy	Dr. Jamal Hussein Ali Abdullah
ange		International Economy	economy	Dr. Mustafa Mahmoud Mahdi Saleh
ange		Standard Economics	economy	A.M. Bushra Abdel-Bari Ahmed Abdullah
ange		Critical	economy	Dr. Hamid Hassan Khalaf Mashaal
ange		Critical	economy	Asst. Prof. Dr. Ghassan Ibrahim Ahmed
ange		Financial policies	economy	A.M. Mohamed Emad Abdel Aziz Mahdi
ange		Standard Economics	economy	A.M. Samer Mohammed Fakhri Darar
ange		Public Finance	economy	A.M. Muthanna Mayouf Mahmoud Alawi
ange		International Economy	economy	Dr. Mohammed Ahmed Mohammed Hassan Al-Jabouri
ange		International	economy	M. Bilal Abdel Haq Abdel Karim

		Economy		Mustafa
ange		Standard Economics	economy	Dr. Zuhair Hamed Turki Zaiter
ange		International Economy	economy	A.M. Mustafa Ismail Khalil Abdel
ange		International Economy	economy	Mr. Bakr Hamid Jasoum Aziz
ange		Macroeconomics	economy	M. Naaman Munther Younis Fadel
ange		Economic development	economy	M. Hamoud Saad Muhaimid Al-Helou
ange		Macroeconomics	economy	Ms. Zeina Tariq Ali Ne'meh
ange		economy	economy	M.M. Abeer Abbas Hammadi Saleh
ange		economy	economy	Mr. Adi Tais Ibrahim Musa
ange		economy	economy	M.M. Lujain Aref Ali Mustafa
ange		economy	economy	M.M. Reem Saeed Shihab Ahmed Al-Dulaimi
ange		economy	economy	Mr. Hassan Zidane Khalaf Hamad
ange		economy	economy	M.M. Jihad Badou Hamad Hussein Al-Jabouri
ange		economy	economy	Mr. Ghazwane Shaker Ismail Ibrahim
ecturer		English language	English language	A.M. Abdul Khalaf Saleh
ecturer		Educational and psychological sciences	Educational and psychological sciences	Dr. Louay Karim Latif

lecturer		English language	English language	M. Alaa Ahmed Abdullah
lecturer		English language	English language	Mr. Osama Mohammed Abdullah
lecturer		English language	English language	Mr. Marwan Abdel Moneim Tawfik
lecturer		Educational and psychological sciences	Educational and psychological sciences	M.M. Duaa Turki Abdel
<b>Professional development</b>				
<b>Recruitment of new faculty members</b>				
<p>Determining the needs of the university and the department: The needs of the university and the department are determined in terms of the required educational cadres. And preferred majors.</p> <p>Orientation Programs: Customized orientation programs are designed for new, visiting, full-time and part-time members based on their needs and specialties.</p> <p>Introduction to the University Environment: A comprehensive introduction is provided about the university and the department. General Administration, including About the Department And the message The objectives and services available.</p> <p>Providing support resources: New members are provided with the necessary resources and support, including training courses, workshops, and technical assistance.</p> <p>Academic Orientation: New members are oriented regarding the curricula, research areas and teaching methods used in the department.</p> <p>Administrative Orientation: New members are oriented to administrative procedures, responsibilities, university policies and code of conduct.</p> <p>Ongoing Support: Ongoing support is provided to new, visiting, full-time and part-time faculty members through advisory sessions, workshops and periodic evaluations.</p>				
<b>Professional development for faculty members</b>				
Identifying needs and setting goals: Faculty needs are identified through surveys and performance				

uations, and then specific goals to be achieved within the program are identified.

Development Program Design: Based on the specific needs and objectives, a comprehensive development program is designed that includes a set of activities, training courses, workshops, and educational resources.

Program Implementation: The development program is implemented in a regular and organized manner, including organizing workshops, conducting training courses, and providing appropriate educational resources.

Effective teaching strategies: Faculty members learn to use and apply modern and effective teaching strategies, such as cooperative learning, active learning, and educational technology.

Evaluation of learning outcomes: The effectiveness of the development program is evaluated by measuring the learning outcomes of faculty members, such as increased levels of knowledge, teaching skills, and interaction with students.

Continuous Development: Ongoing feedback and support is provided to faculty members to promote ongoing professional and academic development.

Participation in scientific research and publication: Faculty members are encouraged to participate in scientific research and publish the results in prestigious academic journals, which enhances their academic standing and contributes to the development of knowledge in their fields.

## **Criteria**

General acceptance.

Accepting exceptions (martyrs' families, children of faculty, distinguished employees, top students in institutes, foreign students).

Provide government education

Accepting evening studies.

## **Most important sources of information about the program**

University, college and electronic department website.

Authorities for establishing the department.

Project to develop and update the curricula of the faculties of management and economics in Iraqi universities for the year 2017.

## **Program Development Plan**

Developing curricula for each subject by the instructor.

ning : branch of the third stage (economic teachers) and opening postgraduate studies, a higher diploma  
 valen to a master's and doctorate.  
 loping teaching and administrative staff through courses, seminars and workshops in areas of  
 alization.  
 orting scientific research efforts by encouraging faculty members to publish, especially in international  
 nals.  
 ducting training programs to develop students' capabilities in technical and information technology fields.  
 nizing field visits and scientific trips for students to government institutions.

### Program Skills Chart

Required learning outcomes of the program

Year	Semester	Values			Skills			Knowledge				Essential or optional?	Course name	Course code	Year/Level
		A2	A1	B4	B3	B2	B1	A4	A3	A2	A1				
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Management principles		First year
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Principles of Economics 1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Principles of Statistics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Computer 1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Arabic		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Human rights and democracy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Economic Readings1English		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Principles of mathematics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Accounting principles		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Economic Readings 2English		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Principles of Economics 2		

✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	English language		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Microeconomic theory1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Baath crimes		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economic statistics1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	National Accounts1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economic facts history		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economics of money		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Human Resource Economics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Computer 1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Mathematics for Economists		Second year
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Microeconomic Theory 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economic Statistics 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	English language		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	History of Economic Thought 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Banking Economics		
												Mathematics for Economists 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	National Accounts2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Computer2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Mathematical Economics 1		Third year

✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	International Economy		General Economy
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economic development		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Public Finance		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Macroeconomics 1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Agricultural economics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Environmental Economics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Industrial economy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Knowledge Economics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	English language		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Development policy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Financial policy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Industrial policy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Agricultural policy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	International Policy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Mathematical Economics 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Macroeconomics 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economic development		Third year Economic teachers
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Sports economics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Public Finance		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Industrial		



													economy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Educational guidance		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Macroeconomics 1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		English language		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Educational management		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Development policy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		International Economy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Agricultural economics		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Computer		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		psychology		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Macroeconomics 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Educational foundations		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Financial policy		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Critical theory		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Econometrics 1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Economic systems		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Search methods		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		International Finance		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Operations Research 1		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Economic feasibility studies		

Fourth year

✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Oil Economics	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economic planning	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Monetary policy	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Econometrics2	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Computer applications(EV)	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Economic Project Evaluation	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Financial institutions	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Operations Research 2	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	English language	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Planning policy	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Energy Economics	

\*Please tick the boxes corresponding to the individual learning outcomes of the programme being assessed.

### Course Description Form

<b>1. Course name</b>
Economic statistics
<b>2. Course code</b>
<b>3. Semester/Year</b>
2023-2024
<b>4. Date this description was prepared</b>

1/28/2024

**5. Available forms of attendance**

Approval of attendance list

**6. Number of study hours (total) / Number of units (total)**

Number of hours 30 / Number of units 30

**7. Name of the course supervisor (if more than one name is mentioned)**

A.M. Bushra Abdel Bari Ahmed

**8. Course objectives**

- 1- Introducing the student to the concept Economic statistics Through the historical developments it has gone through
- 2- Student definition Importantly Economic statistics
- 3- Introducing the student to the relationship Economic statistics With economic development
- 4- Recognizing the importance of Economic statistics To develop economic sectors
- 5- Introducing the student to the most important sources of data and information collection about Economic statistics path
- 6- Introducing the student to how to solve the problems he suffers from Economics by Economic Statistics

Subject objectives

**9. Teaching and learning strategies**

- Delivering in-person and online lectures
- Discussions with students
- Oral questions for students
- Blended learning (classroom)

Strategy

## 10. Course Structure

<b>Evaluation method</b>	<b>Learning method</b>	<b>Name of the unit or topic</b>	<b>Required learning outcomes</b>	<b>Watches</b>	<b>The week</b>
Follow up on homework/ at least two questions	The lecture	Introduction to Multiple Linear Regression Model	theoretical knowledge	2 hours	the first
Follow up on homework/ at least two questions	Discussion	Calculating the parameters of a multiple regression model	theoretical knowledge	2 hours	the second
Follow up on homework/ at least two questions	Exercises app	Estimation of multiple linear regression equation using the matrix method	theoretical knowledge	2 hours	the third
Follow up on homework/ at least two questions	Solve the questions	Estimating multiple linear regression equation based on deviations	theoretical knowledge	2 hours	Fourth
Follow up on homework/ at least two questions	The lecture	Estimation of multiple coefficient of determination	theoretical knowledge	2 hours	Fifth
Follow up on homework/ at least two questions	Discussion	Estimate the analysis of variance table	theoretical knowledge	2 hours	Sixth
Follow up on homework/ at least two questions	Exercises app	Hypothesis test	theoretical knowledge	2 hours	Seventh
Follow up on homework/ at least two questions	Solve the questions	a testt	theoretical knowledge	2 hours	The eighth
Follow up on homework/ at least two questions	The lecture	a testF	theoretical knowledge	2 hours	Ninth
Follow up on homework/ at least two	Discussion	Measuring confidence intervals	theoretical knowledge	2 hours	tenth

questions					
Follow up on homework/ at least two questions	Exercises app	Prediction	theoretical knowledge	2 hours	eleventh
Follow up on homework/ at least two questions	Solve the questions	Time series analysis	theoretical knowledge	2 hours	twelfth
Follow up on homework/ at least two questions	The lecture	Simple Standards	theoretical knowledge	2 hours	thirteenth
Follow up on homework/ at least two questions	Exercises app	synthetic indices	theoretical knowledge	2 hours	fourteenth
Follow up on homework	Exercises Solution	Records are weighted.	theoretical knowledge	2 hours	fifteenth

## 11. Course Evaluation

The final grade for the evaluation is 100 points, and the minimum for success is 50 points, and the grade is distributed. Evaluation on the end of the course is 30 points and the end of the course exam is 70 points. As follows:

- First month exam 10 marks
- Second month exam 10 marks
- Daily preparation 5 degrees
- Posts 5 points

End of course exam 70 points

## 12. Learning and teaching resources

1- Mohammed Saleh Al-Kubaisi / Introduction to Economic Statistics /2013.

2- Muhammad Al-Fateh Mahmoud / Principles of Statistics for Economics and

Required textbooks (methodology if any)

<p>Administrative Sciences, 2022.</p> <p>3- Qayoud Academy, Advanced Statistics, 2022.</p> <p>4- Muhammad Abd al-Samee / Standard and statistical analysis of economic relations /2009.</p>	
<p>1- Khashi Al-Rawi / Introduction to Regression Analysis.</p> <p>2- Tharwat Muhammad / A modern introduction to statistics and probability.</p>	Main References (Sources)
<p>1- Mahmoud Hassan Al-Mashhadani / Statistics.</p> <p>2- Dalal Al-Qadi and others / Statistics for Administrators and Economists, 2005.</p>	Recommended supporting books and references (scientific journals, reports...)
<p>Access and review the latest statistical research and software on the Internet through the World Wide Web.</p>	Electronic references, websites