Academic Program Description Form For the academic year 2023-2024

University name: UniversityTikrit

College/Institute: CollegeManagement and Economics

Scientific Department: DepartmentEconomy

Name of academic or professional program:Department of Economics

Final Certificate Name: BachelorSciences in Economics

Academic system:Course system

Description preparation date: 1/28/2024

Date of filling the file:1/28/2024

اسم رئيس القسم: ۱.م.د. إبراهيم اسم المعاون العلمي: ۱.م.د. أشرف هاشـــم عبدالله جاسم فارس العبدون التاريخ:

شعبة ضمان الجودة والأداء الجامعي السم مدير شعبة ضمان الجودة والأداء الجامعي: أسامة موسى فرحان

1. Program Vision

❖ Effective contribution to building an advanced economy based on sound planning in accordance with appropriate economic policies. 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 economic life.
- 2. Developing students' skills to enable them to Integration into the labor market.
- 3. Motivating and supporting the faculty in the department to conduct studies and provide consultations. Economic For public and private entities in Iraq.
- **4.** Effective contribution to preparing training and continuing education programs to develop expertise and skills in public and private sector institutions.

4. Program accreditation

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

5. Other external influences

6. Is there a sponsor? ForprogramYes, 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
	6.9%	10	5	Institutional Requirements
	7.5%	11	4	College

			Requirements
85.6%	125	55	Department
			Requirements
	Complete		Summer
	Complete	u	training
			Other

^{*}Notes may include whether the course is basic or optional.

Credit hou	ırs	Course name	Course	Year/Level
practical	theoretical		code	
	3	Management principles		
	3	Principles of Economics 1		
	2	Principles of Statistics		
2	1	Computer 1		
	2	Arabic		
	2	Human rights and democracy		First
	3	Economic Readings1English		
	2	Principles of mathematics		
	3	Accounting principles		
	2	Economic Readings 2English		
	3	Principles of Economics 2		
	2	English language		
	3	Microeconomic theory1		
	2	Baath crimes		
	2	Economic statistics1		
	2	National Accounts1		Second
	2	Economic facts history		Second
	2	Economics of money		
	2	Human Resource Economics		
2	1	Computer 1		

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	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	
2	1	Computer2	
	2	Mathematics for Economists 2	
	3	Mathematical Economics 1	
	2	International Economy	
	2	Economic development	
	3	Public Finance	
	3	Macroeconomics 1	
	2	Agricultural economics	
	2	Environmental Economics	
	2	Industrial economy	Third /
	2	Knowledge Economics	General
	2	English language	Economics
	2	Development policy	<u> </u>
	2	Financial policy	
	2	Industrial policy	
	2	Agricultural policy	
	2	International Policy	
	3	Mathematical Economics 2	
	3	Macroeconomics 2	
	2		
	3	Economic development	
		Sports economics	
	3	Public Finance	Third /
	2	Industrial economy	Economic
	2	Educational guidance	Teachers
	3	Macroeconomics 1	Branch
	2	English language	Diancii
	2	Educational management	
	2	Development policy	

	3	International Economy	
	3	Agricultural economics	
2	1	Computer	
	2	psychology	
	3	Macroeconomics 2	
	2	Educational foundations	
	2	Financial policy	
	3	Critical theory	
	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	Fourth
	3	Monetary policy	rourm
	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	

8. Expected learning outcomes of the program

Knowledge

- Providing the labor market with the necessary skills from human resources.
- Providing graduates who are able to perform economic analysis and predict economic variables.
- Disseminating knowledge in government institutions to achieve the aspirations of society.

Skills

The ability to solve economic The ability of economics graduates to problems that economic conduct economic feasibility studies and activity suffers from, such as economic analysis. inflation and recession. Exchange of experiences and data with ministries with economic decision-making powers Providing economic advice to the Our outputs should be knowledgeable and public and private sectors. skilled in how to accomplish the tasks assigned to them. Values Adherence to professional ethics and the Establishing social and ethical responsibility. ability to demonstrate high professional Serving the community and competence. meeting its requirements. The student must believe in the principles of Integrity and transparency. Quality. integrity and transparency, and have the ability to apply the concepts of quality management.

9. Teaching and learning strategies

- 1. Active learning: Encouraging students' active participation in learning processes, such as discussions, group activities, and problem solving, to enhance their deep understanding of mathematical concepts.
- 2. Cooperative learning: Encouraging students to work together in small groups to solve problems.related to their studiesAnd sharing ideas, which contributes to enhancing interaction and knowledge exchange between them.
- 3. Use of Technology: Leveraging technology to provide interactive learning tools such as computer software and online resources to enhance student understanding and motivation.

- 4. Problem-based learning: presenting specific problems and motivating students to think critically and use skillsAdministrativeTo solve it.
- 5. Multiple Instructional Strategies: Providing a variety of instructional strategies, such as interactive lectures, practical lessons, and hands-on exercises, to meet the diverse needs of students.
- 6. Promote thinking Administrative Encourage students to develop thinking skills. Administrative Such as analysis, planning and inference, by providing stimulating questions and applied problems.
- 7. 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.

10. Evaluation methods

- 1. Classroom performance assessment: This includes assessing students' performance during lessons, lectures and workshops, whether through written tests or continuous assessment of their participation and understanding of the material.
- 2. 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.
- 3. Tests and assignments: Students may be given regular tests and assessment assignments to assess their problem-solving skills.related to their field of expertiseAnd their understanding of the concepts presented.
- 4. Evaluating participation in research: The extent to which students participate in research activities and scientific projects can be assessed, and an evaluation can be provided of their presentation style and analysis of their results and conclusions.
- 5. Practical Performance Evaluation: Students can be evaluated in practical performance through: Visits Process and participation in applied activities.
- 6. Evaluation of external participation: This includes evaluation of the extent of students' participation in external activities such as conferences, seminars, and

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

11. Faculty

Faculty members

Facu	lty	Requirements/S	Specializa	ation	
prepar	ation	kills (if any)			Academic Rank
lecturer	angel		private	general	
	angel		International	0000000	Prof. Dr. Abdul Razzaq
			Economy	economy	Hamad Hussein Khalaf
	angel		Economic	oconomy	Prof. Dr. Makhif Jassim
			development	economy	Hamad Ali
	angel				Prof. Dr. Khalaf
			Public Finance	economy	Mohammed Hamad
					Abdul-Jubouri
	angel		Monetary	economy	Asst. Prof. Dr. Khalil Ismail
			policies	economy	Aziz Bazawi
	angel		International	oconomy	Asst. Prof. Dr. Ibrahim
			Economy	economy	Abdullah Jassim Issa
	angel		Macroeconomi	economy	A.M.D. Anmar Ghaleb
			CS	ccononly	Kleib Mutlaq
	angel		Public Finance	economy	Asst. Prof. Dr. Amer Sami
			rublic i illanice	economy	Munir Dawood Al-Ani
	angel		Economic	economy	A.M.D. Fouad Farhan
			development	ccononny	Hussein Mukhlef
	angel		International	economy	A.M.D. Khattab Imran
			Economy	economy	Saleh Daman
	angel		Macroeconomi	economy	Asst. Prof. Dr. Ziad Ezz El-
			CS		Din Taha Talib
	angel		International	economy	Asst. Prof. Dr. Yasra
			Economy	CCOHOITIY	Salem Nayef Abdul Janabi

1			Acet Duef Du O
angel	Monetary		Asst. Prof. Dr. Omar
	policies	economy	Abdullah Mohammed
			Hejeij
angel	Finance and	oconomy	Asst. Prof. Dr. Kilan Ismail
	Banking	economy	Abdullah Mohammed
angel	Macroeconom	i economy	Dr. Khader Jassim Hamad
	CS	Conomy	Fahal Al-Jabouri
angel	Finance and	oconomy	Dr. Alaa Abdul Jabbar
	Credit	economy	Hussein Hamad
angel	Public Finance		Dr. Jamal Hussein Ali
	Public Finance	economy	Abdullah
angel	International		Dr. Mustafa Mahmoud
	Economy	economy	Mahdi Saleh
angel	Standard	000000000	A.M. Bushra Abdel-Bari
	Economics	economy	Ahmed Abdullah
angel			أ. Hamid Hassan
	Critical	economy	Khalaf
			Mashaal
angel	Cittad		Asst. Prof. Dr. Ghassan
	Critical	economy	Ibrahim Ahmed
angel	Financial	acan amu	A.M. Mohamed Emad
	policies	economy	Abdel Aziz Mahdi
angel	Standard		A.M. Samer Mohammed
	Economics	economy	Fakhri Darar
angel	Public Finance	oconomy	A.M. Muthanna Mayouf
	Public Finance	e economy	Mahmoud Alawi
angel	International		Dr. Mohammed Ahmed
		economy	Mohammed Hassan Al-
	Economy		Jabouri
angel	International	000000000	M. Bilal Abdel Haq Abdel
	Economy	economy	Karim Mustafa
angel	Standard	oconomi	Dr. Zuhair Hamed Turki
	Economics	economy	Zaiter
angel	International	economy	A.M. Mustafa Ismail Khalil

	Economy		Abdel
angel	International		Mr. Bakr Hamid Jasoum
	Economy	economy	Aziz
angel	Macroeconomi	222222	M. Naaman Munther
	cs	economy	Younis Fadel
angel	Economic	oconomy	M. Hamoud Saad
	development	economy	Muhaimid Al-Helou
angel	Macroeconomi	economy	Ms. Zeina Tariq Ali
	cs	economy	Ne'meh
angel	economy	economy	M.M. Abeer Abbas
	economy	economy	Hammadi Saleh
angel	economy	economy	Mr. Adi Tais Ibrahim
	Cononly	CCOHOIN	Musa
angel	economy	economy	M.M. Lujain Aref Ali
	Comonly	Ceonomy	Mustafa
angel	economy	economy	M.M. Reem Saeed Shihab
	Ccononly	cconony	Ahmed Al-Dulaimi
angel	economy	economy	Mr. Hassan Zidane Khalaf
	Comonly	Ceonomy	Hamad
angel	economy	economy	M.M. Jihad Badou Hamad
	Comonny	comonny	Hussein Al-Jabouri
angel	economy	economy	Mr. Ghazwane Shaker
	,	,	Ismail Ibrahim
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	psychological	psycholog	Dr. Louay Karim Latif
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lectur	English	English	Mr. Osama Mohammed
er	language	language	Abdullah

lectur	English	English	Mr. Marwan Abdel
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	psychological	psycholog	M.M. Duaa Turki Abdel
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Professional development

Orientation of new faculty members

- 1- 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.
- 2- Orientation Programs: Customized orientation programs are designed for new, visiting, full-time and part-time members based on their needs and specialties.
- 3- Introduction to the University Environment: A comprehensive introduction is provided about the university and the department.General Administration, includingAbout the DepartmentAnd the visionAnd the messageThe objectives and services available.
- 4- Providing support resources: New members are provided with the necessary resources and support, including training courses, workshops, and technical assistance.
- 5- Academic Orientation: New members are oriented regarding the curricula, research areas and teaching methods used in the department.
- 6- Administrative Orientation: New members are oriented to administrative procedures, responsibilities, university policies and code of conduct.
- 7- Ongoing Support: Ongoing support is provided to new, visiting, full-time and part-time faculty members through advisory sessions, workshops and periodic evaluations.

Professional development for faculty members

1. Identifying needs and setting goals: Faculty needs are identified through surveys and performance evaluations, and then specific goals to be achieved within the

program are identified.

- 2. 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.
- 3. Program Implementation: The development program is implemented in a regular and organized manner, including organizing workshops, conducting training courses, and providing appropriate educational resources.
- 4. Use effective teaching strategies: Faculty members learn to use and apply modern and effective teaching strategies, such as cooperative learning, active learning, and educational technology.
- 5. Evaluation of learning outcomes: The effectiveness of the development program is evaluated by evaluating the learning outcomes of faculty members, such as increased levels of knowledge, teaching skills, and interaction with students.
- 6. Continuous Development: Ongoing feedback and support is provided to faculty members to promote ongoing professional and academic development.
- 7. 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.

12. Acceptance Criteria

- 1- Central acceptance.
- 2- Accepting exceptions (martyrs' families, children of faculty, distinguished employees, top students in institutes, foreign students).
- 3- Private government education
- 4- Accepting evening studies.

13. The most important sources of information about the program

- 1- University, college and electronic department website.
- 2- Priorities for establishing the department.
- 3- Project to develop and update the curricula of the faculties of management and economics in Iraqi universities for the year 2017.

14. Program Development Plan

- 1- Developing curricula for each subject by the instructor.
- 2- Opening a branch of the third stage (economic teachers) and opening postgraduate studies, a higher diploma equivalent to a master's and doctorate.
- 3- Developing teaching and administrative staff through courses, seminars and workshops in areas of specialization.
- 4- Supporting scientific research efforts by encouraging faculty members to publish, especially in international journals.
- 5- Conducting training programs to develop students' capabilities in technical and information technology fields.
- 6- Organizing field visits and scientific trips for students to government institutions.

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^{*}Please tick the boxes corresponding to the individual learning outcomes of the programme being assessed.

Course Description Form

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1. Course name
Mathematics for Economists 2
2. Course code
3. Semester/Year
2023-2024
4. Date this description was prepared
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)
Asst. Prof. Dr. Omar Abdullah Mohammed
8. Course objectives

1- Introducing the student to the concept of Mathematics for Economists Through the historical developments it has gone through 2- Student definition Importantly the Mathematics at the

definitionImportantlytheMathematics at the economics level.

- 3- Introducing the student totheRelationshipatEconomySports
- 4-Recognizing the importance of aMathematics for EconomistsTo develop economic sectors.
- 5- Introducing the student to the most important sources of collecting data and information aboutmathematics
- 6- Introducing the student to how to solve the problems facing the economy. Using mathematical methods.

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

Evaluation method	Learning method	Name of the unit or	Required learning	Watches	The week
		topic	outcomes		
Oral questions	Giving the lecture	Understand the different concepts of mathematical functions.	theoretical knowledge	2 hours	the first
Questions and share	Lecture/Discussions	Identify the most common types of mathematical functions.	theoretical knowledge	2 hours	the second
Oral questions	Lecture/Discussions	Learn how to graph mathematical functions.	theoretical knowledge	2 hours	the third
Student participation	Lecture/Discussions	Learn how to add, subtract, multiply and divide mathematical functions.	theoretical knowledge	2 hours	Fourth
Oral questions	Lecture/Discussions	Learn how functions are used in economic applications.	theoretical knowledge	2 hours	Fifth
-	-	Understand the concept of derivation	-	2 hours	Sixth

Oral questions	Lecture/Discussions	Identify the rules used in derivation.	theoretical knowledge	2 hours	Seventh
Oral questions	Lecture/Discussions	Learn how to use derivatives of functions to extract the economic marginal cost.	theoretical knowledge	2 hours	The eighth
Questions and share	Lecture/Discussions	Learn how to use derivatives of functions to extract the economic marginal revenue.	theoretical knowledge	2 hours	Ninth
Oral questions	Lecture/Discussions	Learn how to use derivatives of functions to extract marginal economic profit.	theoretical knowledge	2 hours	tenth
Oral questions	Lecture/Discussions	Understanding logarithmic functions in terms of concept and importance	theoretical knowledge	2 hours	eleventh
Questions and share	Lecture/Discussions	Learn the rules for differentiating logarithmic functions.	theoretical knowledge	2 hours	twelfth
Oral questions	Lecture/Discussions	Learn about the economic uses of logarithmic functions.	theoretical knowledge	2 hours	thirteenth
Questions and share	Lecture with oral questions	Custom on maximum and minimum ends and economic applications of it	-	2 hours	fourteenth
		Discussion and test	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

Dr. Athir Abdul Jabbar Al-Jumard (Introduction	Required textbooks
to Economic Mathematics)	(methodology if any)
Dr. Mahmoud Mahdi Al-Bayati and Dr. Dalal	Main References (Sources)
Al-Qadi	
Mathematics and its applications in	Recommended supporting
administrative and economic sciences	books and references (journals)
Dr. Hakim Meliati (Applications of	Electronic references, websites
Mathematics in the Economics Branch)	