

Academic Program Description Form

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

مصادقة السيد العميد

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

9. 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 |
| | Completed | | | Summer training |
| | | | | Other |

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

7. Program Description / Curriculum of the Department of Economics

| Credit hours | Course name | Course code | Year/Level |
|--------------|----------------------------|-------------|------------|
| theoretical | | | |
| 3 | Management principles | | First |
| 3 | Principles of Economics 1 | | |
| 2 | Principles of Statistics | | |
| 1 | Computer 1 | | |
| 2 | Arabic | | |
| 2 | Human rights and democracy | | |
| 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 | | |
| 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 | | Third / General Economics |
| 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 | | Third / Economic Teachers Branch |
| 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 | |
| 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 | |

Fourth

8. Expected learning outcomes of the program

Knowledge

| | |
|--|---|
| ing 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

| | |
|--|---|
| ty of economics graduates to conduct - | The ability to solve economic problems that - |
|--|---|

| | | | |
|---|----|---|---|
| economic feasibility studies and economic analysis. | - | economic activity suffers from, such as inflation and recession. Exchange of experiences and data with ministries with economic decision-making powers | - |
| outputs should be knowledgeable and how to accomplish the tasks assigned to them. | - | Providing economic advice to the public and private sectors. | - |
| Values | | | |
| professional ethics and the ability to demonstrate high professional competence. | - | Establishing social and ethical responsibility. Serving the community and meeting its requirements. | - |
| it must believe in the principles of integrity and transparency, and have the ability to apply the concepts of quality management. | - | Integrity and transparency. Quality. | - |
| 9. Teaching and learning strategies | | | |
| Encouraging students' active participation in learning processes, such as discussions, activities, and problem solving, to enhance their deep understanding of mathematical concepts. | .1 | | |
| Cooperative 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. | .2 | | |
| Technology: Leveraging technology to provide interactive learning tools such as computer software and online resources to enhance student understanding and motivation. | .3 | | |
| problem-based learning: presenting specific problems and motivating students to think critically and use skills to solve it. | .4 | | |
| 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. | .5 | | |
| Administrative: Encourage students to develop thinking skills. Such as analysis, planning and inference, by providing stimulating questions and applied problems. | .6 | | |
| Immediate feedback: Provide mechanisms to provide immediate feedback to students on | .7 | | |

their performance and understanding of concepts. Administrative, whether through periodic assessments or direct interaction with the teacher.

10. Evaluation methods

om performance assessment: This includes assessing students' performance during lessons, .1
 and workshops, whether through written tests or continuous assessment of their participation
 and understanding of the material.

articipation in discussions and activities: Students' participation in class discussions, group .2
 and individual projects can be assessed to assess their understanding and engagement with
 the material.

nd assignments: Students may be given regular tests and assessment assignments to assess .3
 problem solving skills.related to their field of expertiseAnd their understanding of the concepts
 presented.

ing participation in research: The extent to which students participate in research activities .4
 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 .5
 through:VisitsProcess and participation in applied activities.

n of external participation: This includes evaluation of the extent of students' participation .6
 in external activities such as conferences, seminars, and sports competitions.

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

11. Faculty

Faculty members

| ty tion ange | Requirements/Skills (if any) | Specialization | | Academic Rank |
|--------------------|---------------------------------|--------------------------|---------|--|
| | | private | general | |
| ange | | International Economy | economy | Prof. Dr. Abdul Razzaq Hamad Hussein Khalaf |
| ange | | Economic development | economy | Prof. Dr. Makhif Jassim Hamad Ali |

| | | | | |
|------|--|--------------------------|---------|---|
| ange | | Public Finance | economy | Prof. Dr. Khalaf Mohammed Hamad Abdul-Jubouri |
| ange | | Monetary policies | economy | Asst. Prof. Dr. Khalil Ismail Aziz Bazawi |
| ange | | International Economy | economy | Asst. Prof. Dr. Ibrahim Abdullah Jassim Issa |
| ange | | Macroeconomics | economy | A.M.D. Anmar Ghaleb Kleib Mutlaq |
| ange | | Public Finance | economy | Asst. Prof. Dr. Amer Sami Munir Dawood Al-Ani |
| ange | | Economic development | economy | A.M.D. Fouad Farhan Hussein Mukhlef |
| ange | | International Economy | economy | A.M.D. Khattab Imran Saleh Daman |
| ange | | Macroeconomics | economy | Asst. Prof. Dr. Ziad Ezz El-Din Taha Talib |
| ange | | International Economy | economy | Asst. Prof. Dr. Yasra Salem Nayef 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 | Hamid Hassan Khalaf .أ 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 | economy | M. Bilal Abdel Haq Abdel Karim 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 | Educational and | Dr. Louay Karim Latif |

| | | | | |
|---|--|--|--|--------------------------------|
| | | sciences | psychological sciences | |
| 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 |
| Professional development | | | | |
| Orientation of new faculty members | | | | |
| 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. | - ١ | | |
| Orientation Programs: | Customized orientation programs are designed for new, visiting, full-time and part-time members based on their needs and specialties. | - ٢ | | |
| Introduction to the University Environment: | A comprehensive introduction is provided about the university and the department. General Administration, including About the Department vision And the message The objectives and services available. | - ٣ | | |
| Providing support resources: | New members are provided with the necessary resources and support, including training courses, workshops, and technical assistance. | - ٤ | | |
| Academic Orientation: | New members are oriented regarding the curricula, research areas and teaching methods used in the department. | - ٥ | | |
| Administrative Orientation: | New members are oriented to administrative procedures, responsibilities, university policies and code of conduct. | - ٦ | | |
| Ongoing Support: | Ongoing support is provided to new, visiting, full-time and part-time faculty members through advisory sessions, workshops and periodic evaluations. | - ٧ | | |
| Professional development for faculty members | | | | |
| 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. | - ٨ | | |

Development Program Design: Based on the specific needs and objectives, a comprehensive .٢
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 .٣
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 .٤
teaching strategies, such as cooperative learning, active learning, and educational technology.

Evaluation of learning outcomes: The effectiveness of the development program is evaluated by .٥
evaluating the learning outcomes of faculty members, such as increased levels of knowledge,
teaching skills, and interaction with students.

Professional Development: Ongoing feedback and support is provided to faculty members to promote .٦
ongoing professional and academic development.

Encouragement in scientific research and publication: Faculty members are encouraged to participate in .٧
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

Central acceptance. -١

Exceptions (martyrs' families, children of faculty, distinguished employees, top students in -٢
institutes, foreign students).

Private government education -٣

Accepting evening studies. -٤

13. The most important sources of information about the program

University, college and electronic department website. -١

Priorities for establishing the department. -٢

to develop and update the curricula of the faculties of management and economics in Iraqi -٣
universities for the year 2017.

14. Program Development Plan

Developing curricula for each subject by the instructor. -١

to launch a branch of the third stage (economic teachers) and opening postgraduate studies, a higher diploma -٢
equivalent to a master's and doctorate.

Developing teaching and administrative staff through courses, seminars and workshops in areas of specialization. -۳

Encouraging scientific research efforts by encouraging faculty members to publish, especially in international journals. -۴

Organizing training programs to develop students' capabilities in technical and information technology fields. -۵

Organizing field visits and scientific trips for students to government institutions. -۶

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 | | | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Management principles | | First year |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Principles of Economics 1 | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Principles of Statistics | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Computer 1 | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Arabic | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Human rights and democracy | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Economic Readings1English | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Principles of mathematics | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Accounting principles | | |
| 1 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Economic Readings 2English | | |
| 1 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Principles of Economics 2 | | |
| 1 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | English language | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Microeconomic theory1 | | Second year |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Baath crimes | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Economic statistics1 | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | National Accounts1 | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Economic facts history | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Economics of money | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Human Resource Economics | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Computer 1 | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Mathematics for Economists | | |
| 2 | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | 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 | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | International Economy | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Economic development | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Public Finance | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Macroeconomics 1 | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Agricultural economics | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Environmental Economics | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial economy | | Third year |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Knowledge Economics | | General |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | English language | | Economist |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Development policy | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Financial policy | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial policy | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Agricultural policy | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | International Policy | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Mathematical Economics 2 | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Macroeconomics 2 | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Economic development | | |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Sports economics | | Third year |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Public Finance | | Economist |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Industrial economy | | teachers |
| | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 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 | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Oil Economics | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Economic planning | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Monetary policy | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Econometrics2 | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Computer applications(EV) | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Economic Project Evaluation | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Financial institutions | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Operations Research 2 | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | English language | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Planning policy | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Energy Economics | |

Fourth year

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

Course Description Form

| | |
|--|---------------------------|
| 1. Course name | |
| Principles of mathematics | |
| 2. Course code | |
| MAB009 | |
| 3. Semester/Year | |
| 2023-2024 / Second Course | |
| 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 hours30 /Number of units30 | |
| 7. Name of the course supervisor (if more than one name is mentioned) | |
| M. Zeina Tariq Ali | |
| 8. Course objectives | |
| <p>Student definition With mathematics 1- throughHistorical developments it has gone through</p> <p>Student definitionMathematics and its 2- importance</p> <p>Introducing the student to the 3- relationshipmathematics With variablesEconomic</p> <p>Recognizing the importance 4- ofmathematicsTo develop economic sectors</p> <p>Student definitionHow to analyze 5- variablesEconomyYes using mathematical methods</p> <p>Introducing the student to how to 6- solve the problems facing the economyUsing mathematical methods in analysis and interpretation</p> | <p>Subject objectives</p> |
| 9. Teaching and learning strategies | |
| <p>Delivering in-person and online lectures -</p> <p>Discussions with students -</p> <p>Oral questions for students -</p> <p>Blended learning (classroom) -</p> | <p>Strategy</p> |
| 10. Course Structure | |

| Evaluation method | Learning method | Name of the unit or topic | Required learning outcomes | Watches | The week |
|-----------------------|-----------------------------|---|----------------------------|---------|------------|
| Oral questions | Giving the lecture | The concept of mathematics and its relationship to other sciences | theoretical knowledge | 2 hours | the first |
| Questions and share | Lecture/Discussions | Concept of mathematical equations | theoretical knowledge | 2 hours | the second |
| Oral questions | Lecture/Discussions | Knowing the numbers | theoretical knowledge | 2 hours | the third |
| Student participation | Lecture/Discussions | The foundations | theoretical knowledge | 2 hours | Fourth |
| Oral questions | Lecture/Discussions | Solving first degree equations | theoretical knowledge | 2 hours | Fifth |
| - | - | Arithmetic mean solving quadratic equations | - | 2 hours | Sixth |
| Oral questions | Lecture/Discussions | Drawing functions and their types | theoretical knowledge | 2 hours | Seventh |
| Oral questions | Lecture/Discussions | Concept of addition, subtraction and multiplication | theoretical knowledge | 2 hours | The eighth |
| Questions and share | Lecture/Discussions | Matrices | theoretical knowledge | 2 hours | Ninth |
| Oral questions | Lecture/Discussions | Determinants | theoretical knowledge | 2 hours | tenth |
| Oral questions | Lecture/Discussions | Solving Equations Using Inverses and Cramer's Method | theoretical knowledge | 2 hours | eleventh |
| Questions and share | Lecture/Discussions | Derivatives | theoretical knowledge | 2 hours | twelfth |
| Oral questions | Lecture/Discussions | Applications on derivatives | theoretical knowledge | 2 hours | thirteenth |
| - | - | Monthly exam | - | 2 hours | fourteenth |
| Questions and share | Lecture with oral questions | Comprehensive review | 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

Basics of Mathematics

Required textbooks (methodology if

| | |
|--|---|
| | any) |
| Mathematics and its applications in administrative and economic sciences | Main References (Sources) |
| Economic and Administrative Mathematics Dr. Talal Abboud | Recommended supporting books and references (scientific journals, reports...) |
| Reviewing scientific websites through the web | Electronic references, websites |