



The Republic of Iraq  
Ministry of Higher Education  
and Scientific Research  
Al basrah university  
Faculty of Administration and



**Report of conformity with standards**  
**Faculty of Administration and**  
**Economics**  
**Department of Statistics**  
**2023/2022**



prof. Dr. Abdul Hussein Tawfiq Shibli  
Dean of the College



Ass. Prof. Dr. Raysan A.  
Head of the Statistics Department

## work team

For the purpose of preparing the standards conformity report for the College of Business and Economics and its scientific departments, the senior leadership and the quality assurance and university performance team at the college, which consists of

Position	Name of the manager	T
Dean of the College	Dr. Abdul Hussein Tawfiq .Mr Shibli	1
Assistant Dean for Scientific Affairs	a. Dr.. Hilal Joudeh symposium	2
Assistant Dean for Administrative Affairs	a. Dr.. Naeem Sabah Jarrah	3
Head of the Economics Department	Mr. Dr. Amjad Sabah Abdel Aali	4
Head of Business Administration Department	a. Dr.. Hadi Abdel Wahab Abdel Imam	5
Head of the Department of Banking and Financial Sciences	a. Dr.. Montazer Fadel Saad	6
Head of Accounting Department	A.M.D. Elham Jaafar Hameed	7
Head of Statistics Department	A.M.D. Raysan Abdul Imam is upset	8
Head of the Department of Management Information Systems	A.M.D. Duraid Hussein Badr	9
Director of the Quality Assurance and University Performance Division	M.Older. Weam Yassin Najm	10

## Report of conformity with standards

The concept of quality assurance and academic accreditation carries within it main concepts, which are

- 1- Standards**
- 2- Evaluation and evaluation**
- 3- Accreditation**

This implicitly means the commitment of the educational institution, whether it is a university, college, or department, to provide academic and educational services with specific standards, through the use of evaluation and evaluation mechanisms, which may be internal or external, to obtain the required accreditation

- **Standards**

means standards They are the necessary specifications for education that can be accepted to ensure its quality and increase its effectiveness and ability to compete, and as a reference standard that can be used for guidance when evaluating university performance :by comparing it with the desired standard levels. The standards are divided into two types **The first type - Standard standards** These are the foundations established by the Center for Quality Assurance and Accreditation of Educational Institutions. They represent the minimum standards that the institution must meet in its educational programs that it implements

**Type II - Approved standards** : These are the foundations that the educational institution sets for itself and is approved by the Center for Quality Assurance and Accreditation of Educational Institutions, provided that they are not less than the level of standard standards

## 1- Evaluation and evaluation

The concepts of evaluation and evaluation lead us towards measuring the performance of the educational institution or educational program

**Definition of evaluation** : The process of measuring the quality of performance in all activities with the aim of continuous improvement of future performance

**Definition of evaluation** : It is a set of procedures and methods taken based on the results of the evaluation, ensuring the implementation of recognized standards It is necessary to achieve the targeted quality levels in the educational institution

## 2- Accreditation

is an academic status granted to an educational institution or educational program in exchange for fulfillment of standards approved and announced by accrediting bodies, with the aim of improving and developing the educational institutions and programs provided, while keeping pace with the requirements of the labor market and development . That is, a set of procedures and operations carried out by the center in order to ensure that the institution has met the conditions of approved quality specifications and assurance, and that its programs comply with the approved and announced standards. The educational institution is accredited based on two accreditations

**Institutional Accreditation** - It means ensuring that the institution has the ability and capabilities to implement its approved mission and objectives in accordance with specific standards

**Program Accreditation** - Evaluating programs in an educational institution that has institutional accreditation, to ensure the quality of these programs and the extent to which they fulfill the requirements of the awarded certificate in accordance with the announced standards and controls, and to recognize that the educational program in them has achieved or reached at least the minimum quality standards

The process of applying quality and accreditation in university education is based on six foundations and pillars

- 1- .License application
- 2- .Initial institutional accreditation
- 3- .Initial program accreditation
- 4- .Final institutional accreditation
- 5- .Final program accreditation
- 6- .Quality assurance

The Department of Statistics seeks Towards obtaining final programmatic accreditation, it is only in order to obtain specialized international accreditation, since national accreditation (national classification) constitutes the key to obtaining international accreditation. Therefore, the question that arises now is: How can we obtain specialized international academic accreditation, and this prompts us to research as well? What is international academic accreditation

**International accreditation generally means** the recognition and approval of an educational program. The evaluation process is carried out by a specialized international organization or body in accordance with specific and announced standards, and it acknowledges that the evaluated program has achieved or reached the required level of the declared standards

The school or specialized association for the academic departments program of the College of Business and Economics to obtain international accreditation is the American Association of Colleges and Schools of Business(AACSB).

Association to advance collegiate schools of business

) The steps for obtaining international specialized professional accreditation are determined by AACSB .(

- 1- ) The institution that wants to obtain accreditation submits an application toAACSB .(
- 2- The institution to be accredited is required to submit the documents required for accreditation Perhaps the most important of these documents are

- 1- A self-evaluation report that reviews the current status of the institution or program includes identifying strengths and weaknesses in the academic curriculum, administrative system, societal responsibility, and monitoring the academic and research contributions of faculty members
- 2- The faculty, staff, students, and representatives of the labor market, whether from the government or private sector, must be involved
- 3- Work to align its strategic objectives with the accreditation standards issued by the AACSB program in obtaining accreditation
- 4- Preparing the strategic plan

The AACSB standards are divided into four main pillars, each of which includes a number of standards, as follows

**First focus : strategic management and innovation**

- 1- Participation, influence, innovation
- 2- Intellectual contributions, impact, and alignment with mission
- 3- Financial strategies and resource allocation

**Second focus: Participants - students, faculty, and technical staff**

- 1- Student admissions, advancement and career development
- 2- Sufficiency and spread
- 3- College administration and support
- 4- Professional competence of employees and its dissemination

**Third focus: teaching and learning**

- 1- Curriculum management and learning assurance
- 2- Curriculum content
- 3- Student interactions in the program
- 4- Degree, educational level, structure, and equivalency
- 5- Teaching effectiveness

**Fourth focus : academic and professional engagement**

- 1- Student academic and professional engagement
- 2- Education on training
- 3- Participation of faculty members and their academic qualifications

**Self-evaluation axes according to standards**

**The first axis** - measures the college's vision, mission, goals, and plans

- **Vision, mission, and goals** : The deanship of our college, its scientific departments, its people, and its administrative units seek to unify the vision and mission and achieve the desired goals, and disseminate it among all its members (teaching staff - students - students), as it was published through murals - the student reception guide - the college introductory brochure, and finally on the college's website
- Adherence to the laws and instructions notified by the Ministry of **Instructions and Laws** Higher Education and Scientific Research and notified by the Presidency of the University of Basra
  - Civil Service Law (Teachers + Employees) 2008, amended
  - Law on the discipline of state employees
  - Student discipline law

**The second axis** - standards of leadership and administrative organization

- We show in the table below the college infrastructure : **College infrastructure**

the number	Buildings	T
9	Number of college buildings	1
93	Number of teaching offices	2
33	Number of administrative offices	3
2	Number of meeting rooms	4
48	Number of classrooms	5
3370	Number of academic seats	6
8	Number of academic grades	7
7	Number of laboratories	8
1	Number of reading rooms	9

- in the Statistics Department Infrastructure

the number	Buildings	T
2	department buildings	1
6	Number of teaching offices	2
5	Number of administrative offices	3
-	Number of meeting rooms	4
6	Number of classrooms	5
170	Number of academic seats	6
4	Number of academic grades	7
2	Number of laboratories	8
-	Number of reading rooms	9

- completed **Electronic archiving** : **95% of the college's electronic archiving has been**
  - 1- Archiving the files of college employees: (teachers and employees) by 100%. Database module
  - 2- Archiving official books: 90% of outgoing and incoming books (Dean's Office - Assistant .(Dean's Office (Scientific - Administrative) - Scientific Departments
  - 3- .Research archiving: 90% has been archived in the college library
  - 4- .Archiving theses and dissertations of graduate students. By 97%
  - 5- Student Affairs and Registration Division: Archiving the files of primary school students - .archiving graduates' documents at a rate of 93%

## Conformity report with standards - College of Administration and Economics, Department of Statistics

- 6- Archiving grade records (master sheets) by 98% starting from the academic year (1980-1981)

### The third axis - measures of physical, financial, technical, information and human resources

- Cooling and lighting maintenance - in all classrooms, with replacement of classroom seats
- Cooling and lighting maintenance and furniture replacement for all administrative offices and faculty members' offices in the scientific department
- Maintenance of college bathrooms and scientific departments
- Maintaining electronic computer equipment in the computer laboratories of the scientific department
- Equipping computer laboratories with the necessary furniture and modern computers (laptops)
- ) And equipping the computer laboratories for Section BCO 2 fire extinguishers + early (warning devices + information boards

### fourth Axis - Faculty members 2022/2023

Exact specialization	Date of obtaining the scientific title	Date of appointment at the university	Donor country	Date of obtaining the certificate	full name	T
Applied statistics	2023	1994	Iraq	9 200	a. Sahira Hussein Zein	1
computer Sciences	2021	1983	Iraq	2002	a. Nada Badr Jarrah	2
Econometrics	2019	1985	Iraq	1996	A.M.D. I want to go to Wadi	3
Applied statistics	2021	2003	Iraq	2016	A.M.D. Ali Nasser Hussein	4
Operations research	2019	2003	Iraq	2016	A.M.D. Raysan Abdul Imam	5
Applied statistics	2020	2011	Iraq	2017	A.M.D. Duraid Hussein Badr	6
Applied statistics	2021	1988	Iraq	1993	Mother. Wafa Abdel Samad Ashour	7
Operations research	0 202	2004	Iraq	2021	A.M.D. Bahaa Abdel Razzaq	8
Applied statistics	2020	2006	Iraq	2005	Mother. Nadia Ali Ayed	9
Applied statistics	2017	2012	Iraq	2021	M.D. The names of Ayoub and Jacob	10
mathematics	2015	2012	India	2011	M. Muhammad Musa Hassan	11
Parallel programming	2018	1992	Iraq	1996	M. Zainab Sobeih Jumaa	12
Applied statistics	2018	1998	Iraq	2008	M. Fatima Hashem Falhi	13



Coincidence	7 201	1993	Iraq	2006	M. Mona Taher is oblivious	14
Operations research	2020	2004	Iraq	5 201	M. Ahmed Hisham Mohamed Taher	15
Time series	2021	2004	Iraq	2014	M. Ali Abdul Zahra	16
Applied Statistics	2022	2008	Iraq	2022	millimeter. Rehab Ahmed Abdel	17
Applied statistics	2021/11/2	2016	Iraq	2021	M. M. Montazer Juma Mahdi	18

- **an evaluation The Quality Assurance and University Performance Division conducted :and my agencies of the quality of the performance of faculty members**
  - 1- Evaluation of faculty members by the student according to academic subjects in the special form of the Ministry of Higher Education and Scientific Research for the academic year (2022-2023)**
  - 2- Evaluating administrative leaders (faculty members) according to our college's evaluation forms for the academic year (20 22 - 202 3 ) and saving them .electronically**

**The fifth axis - student affairs**

**Numbers of primary school students**

the total	Evening study	Morning study	school grade
69	1	68	The first stage
23	-	23	The second phase
64	1	63	third level
85	4	81	The fourth stage
241	6	235	total summation

**Numbers of postgraduate students**

Writing stage	Courses stage	Type of study
3	9	Masters

- **an evaluation The Quality Assurance and University Performance Division conducted :of the quality of performance by college students for**
  - 1- for the academic ( 23 20 - 22 20) Faculty members by the student for the academic year .stages ( first - second - third - fourth). For all scientific departments (ministerial form)**
  - 2- The quality of the college's performance, as the college was evaluated by the students of ( 23 20- 22 20 ) the fourth stage of the academic year**
  - 3- 20-22/ 20) The quality of performance of the final exams (electronic) for the academic year . which was evaluated by college students for all levels in the scientific department ,( 23 /**
- The Quality Assurance and University Performance Division issued a guide for receiving new students, which includes (conditions for admission and graduation - objectives - definition of academic departments - student discipline instructions). It was distributed to the students of the first stage and for the morning and evening studies within the college admission priority .files. It was published on the Quality Assurance Division page on the college's website
- Cultural and humanitarian activities
  - Cultural activities = 19
  - Humanitarian activities = 11

- Scientific trips = 2

### **Sixth Axis - Student Services**

- Following up on the college's outcomes (graduate follow-up): Over the past six years, the College of Business and Economics has been following up on its graduates by concluding agreements with governmental and non-governmental agencies to provide them with suitable job opportunities. It has been done
  - 1- Agreement with the Ministry of Planning / Central Bureau of Statistics regarding the appointment of graduates of the Statistics Department in the Basra Statistics Directorate, and this agreement is still in effect for this year
  - 2- Agreement with foreign oil companies, especially BP regarding the recruitment of graduates of our college
  - 3- An agreement with Microsoft to train students and give them an accredited certificate to qualify them for appointment in governmental and non-governmental departments and give them an international certificate in this field
  - 4- Agreement with private banks to accredit graduates of our college, especially graduates of the Department of Financial and Banking Sciences, for the purpose of attracting students and training them to obtain work in private banks operating in Basra

### **The seventh axis - academic programs and teaching methods**

- Obtaining academic accreditation: The Statistics Department seeks to obtain academic accreditation
- Preparing the academic program description + course description form for all academic subjects and departments
- Scientific agreements: Our college has concluded agreements and memorandums of understanding with Arab and international universities
  - 1- The Spanish University of Fatsia, which is the fourth agreement signed by the college with international universities
  - 2- The French University of Reit signed with the Department of Accounting
  - 3- Britain's Durham University has signed with the college
  - 4- Mutah University of Jordan signed with the college
  - 5- The American University of Oklohama signed with the Department of Banking and Financial Sciences
  - 6- British Bazaar University signed with the college
  - 7- 2017/27/3 ,

### **The eighth axis - scientific research**

- Published scientific research = 7
- Number of books written = none
- Participated conferences = 10
- Scientific seminars completed and participated in = 2
- Completed seminars = 11
- Postgraduate student discussions (seminars) for all scientific departments = 3 episode
- Development courses And the training participated in = 3 cycle

### **The ninth axis - community service for the college**

- Completed seminars that contribute to community service = 7 seminars
- Scientific trips = 2
- Visiting orphans Nursing home and others = 10
- Cultural activities by the Educational Guidance Unit = 18



### The tenth axis - calendar

Conducting an evaluation of the quality of performance of the College of Administration and Economics

- 1- Conducting an evaluation of the quality of performance of faculty members by college students
- 2- Conducting an evaluation of the quality of performance of college graduates by employers, which included a sample of state departments
- 3- Conducting an evaluation of the quality of performance of college graduates by beneficiaries, which included a sample of civil and governmental departments
- 4- Conducting an evaluation of the quality of performance of the final (electronic) exams for the academic year by college students
- 5- Conducting an evaluation of the quality of the performance of the college and its scientific departments according to the satisfaction of the teaching staff during the academic year
- 6- Conducting an evaluation of the quality of the college's performance by graduates for different years
- 7- Conducting an evaluation of the quality of the performance of the college and its scientific departments by fourth-year students
- 8- Conducting an evaluation of the quality of the performance of faculty members by the heads of scientific departments
- 9- Conducting an evaluation of the quality of performance of college employees by direct officials
- 10- Conducting an evaluation of the quality of the performance of administrative leaders by the senior administrative leaders in the college

### Conforming standards

For the purpose of applying quality and improving the programs offered by the college and their compliance with local and international standards, the following standards were applied

- 1- The college and scientific department have a historical overview in both Arabic and English
- 2- The college and the scientific department have the vision, mission, and goals in both Arabic and English
- 3- Spreading a culture of quality among the components of the academic program to ensure a more comprehensive understanding of the mechanisms and positives of the quality program in the program /student reception guide
- 4- Completing a self-study of the college and its scientific departments, preparing a self-evaluation report, and analyzing the data
- 5- Completing the improvement plan for the college and its scientific departments
- 6- Completing the strategic plan document and setting policies for the college and scientific departments
- 7- There is interaction and communication between the College's Quality and Performance Evaluation Division with the divisions and administrative units within the administrative and academic structure (by evaluating faculty members, administrative leaders, and employees) by their direct officials
- 8- Printing a number of brochures and posters for academic guidance and introducing the vision, mission and goals of the college
- 9- Implementing academic program and course description programs
- 10- Forming a main committee and subcommittees to monitor quality efforts in the colleges
- 11- Conducting student evaluation questionnaires for courses in scientific departments
- 12- Preparing student evaluation questionnaires for the quality of college performance and final exams
- 13- Conducting questionnaires to evaluate employers and beneficiaries of college graduates
- 14- Evaluation of scientific departments and administrative leaders by faculty members

- 15-Implementing the electronic archiving procedure for all files of administrative members, academics, graduates, students, and administrative archiving
- 16-There are integrated electronic files that include the CVs of all faculty members of the program. (Advertised on the college's website)
- 17-Activating all units of the program's registration and admission department. Students are accepted in accordance with the controls and conditions applicable to the placement standards and absorptive capacity of the program
- 18-There is a precise study and examination system that facilitates the follow-up of students in terms of the general evaluation of their performance rates in the program
- 19-Developing the college's website in accordance with international standards

## **Conclusions**

In general, it can be said that the issue of obtaining international specialized professional accreditation for the program of scientific departments of the College of Administration and Economics is not a difficult or impossible process to achieve. Rather, it requires the presence of a real will on the part of the program administration first, in addition to the presence of a strong and declared will on the part of the university presidency and the deanship. The college, and its adoption of the option of quality and international accreditation, also requires the presence of real support and assistance from the Ministry of Higher Education and Scientific Research through its endeavor to address the competent authorities regarding reconsidering some legislation and regulations that still obstruct the processes of building a work environment that contributes to the consolidation of leadership. And innovation, and finally, it also requires a mentality of determination, which means starting now, with what is possible, but in a unique way

## **First - a historical overview**

- ✚ **The Faculty of Management and Economics** was established On 1/9/1971, in accordance with the decision of the Council of Higher Education and Scientific Research No. (Council/D/3/A/5/Q/A) in its third session, the duration of study in the college was four years, and thus the number of graduating batches of bachelor's degree holders became ( 47) batch, considering the first batch graduated in the academic year 1974/1975. Its scientific structure was strengthened and its cognitive and social responsibility deepened by opening postgraduate studies in the academic year (1982 - 1983) for master's studies. Doctorate (1986- or Higher Diploma (12-20-2013) (1987
- ✚ **The Statistics Department** was established In the academic year 1988/1989, 29 students graduated with a bachelor's degree in statistical sciences. Postgraduate studies were opened in the academic year 2001/2002 to study a master's degree in statistical sciences

## **Farst - College history**

- ✚ **College of Administration and Economics** established on 01/09/1971 according to the decision of the Council of Higher Education and Scientific Research No. (Council / D / 3 / A / 5 / Q / A) in its third session. The period of studying in the college is four years. The first batch graduated in 1974/1975, so the bachelor's degree batches graduated from the college is (47). The college scientific construction, cognitive and social responsibility has deepened by opening postgraduate studies in (1982 - 1983) for masters study and in (1986-1987) for Ph.D.in addition to higher diploma in (12-20-2013 (

**Statistics Department** Established in 1988/1989. The department has graduated (29) batches of a bachelor's degree in statistical sciences. A postgraduate studies opened in 2001/2002 to study a master's degree in statistical sciences .

### **The vision, mission, and goals of the college :Second**

**College Vision** The College of Administration and Economics at the University of Basra aspires to be among the ranks of distinguished colleges globally in the economic, administrative, financial and accounting fields, and to excel scientifically and administratively and in the quality of service it provides to society and stakeholders at the national, Arab and international levels, and to be committed to the academic professional culture among the ranks of academics and employees. In addition to pursuing development prospects in the aspects of the university academic process .(educational, research, and service)

**College message** The College of Administration and Economics at the University of Basra seeks to provide the best service to the community and parties that share interests and benefits with it, and with the university, through an accurate diagnosis of their current needs and future expectations, and achieving an effective and efficient response to these needs and expectations by ensuring the quality of all university operations and practices College (educational). / research / ...consulting / administrative). According to the following

- 1- The best investment of the college's resources and energies through effective commitment to implementing the provisions of the quality assurance and academic accreditation system .related to resource allocation
- 2- Improving the performance of human resources (academic and functional bodies) through participation in specialized and advanced training and development courses inside and .outside the country
- 3- Preparing plans and programs that ensure the use of the resources (material, financial, and .technical) available to the college to improve the college's overall performance
- 4- Participation of all bodies (academic and professional) and students in decisions and practices related to them, and those that contribute to developing the college's work and .improving its performance
- 5- Develop a comprehensive plan that ensures the provision of requirements, supplies, and mechanisms that make the college's student outputs respond to the labor market and satisfy .stakeholders
- 6- .Investing feedback information in improving the future performance of the college

### **strategic goals**

- 1- Setting goals and plans that enable improving the academic level of the college (students ...(and faculty
- 2- Developing plans and mechanisms that enable the pursuit of scientific and cognitive .development in the field of college specializations
- 3- Preparing the requirements that enable a better teaching climate for students and ...teachers
- 4- Providing appropriate opportunities to meet the college's need for scientific .....competencies
- 5- Develop plans and provide supplies that enable improvement and expansion in response to .the labor market and community service
- 6- Work to implement the requirements and take measures that enable the college to obtain a .certificate of academic accreditation

## **Department of Statistics**

### **The vision**

The Department of Statistics aspires to be one of the scientific departments that is scientifically distinguished in teaching students specialized statistical subjects and providing scientific and statistical consultations needed by government departments and others to serve the community.

It seeks to develop its scientific curricula and the competence of its teachers to reach the ranks of statistics departments in Arab and later international universities. Applying and ensuring quality specifications, as well as striving to strengthen cultural and scientific relations between the ranks of his professors and the outside world in various scientific and research aspects

### **The message**

The Department of Statistics at the College of Administration and Economics / University of Basra seeks to provide the best academic levels to its students through giving lectures by the department's teachers and developing students' capabilities in the field of computers, as well as providing the best services and consultations in the statistical fields to all parties that exchange benefits and interests with the university in service to society. From giving scientific lectures in development courses, as well as holding computer courses to train employees and raise their efficiency in using it and improving its performance

### **Objectives**

- 1- The quality policy that is hoped to be implemented in the department is to spread this culture among the ranks of teachers and students alike in order to raise the academic level and the achievements of this department
- 2- Emphasis on completing scientific curricula and developing them in a way that is compatible with scientific and technological development and in line with the needs of the labor market
- 3- Spreading moral values and good behavior among students and emphasizing the necessity of adhering to university regulations and instructions

### **Second - Vision , Mission & Goals of the College**

**The Vision:** College of Administration and Economics at Basrah University seeks to be one of the internationally distinguished colleges in economic, administrative, financial and accounting fields. Also, it strives to be distinctive scientifically, administratively and in the quality of service it introduces to the society and stakeholders at the national, Arabic and international levels, in addition to adhering to the academic professional culture among academics and employees, as well as to The prospects of development in aspects pursued by the university academic process (educational, research and service).

**Mission of the College:** The College seeks to provide the best service to the community and the parties that exchange interests and benefits with it, and with the university, through an accurate diagnosis of their current needs and future expectations, in addition to achieving the effective and efficient response to these needs and expectations by ensuring the quality of all university operations (Educational / Research / Consulting / and Administrative), according to the following ...

- 1- Better investment of the college's resources and energies through effective commitment to implement the provisions of the Quality Assurance and Academic Accreditation System related to resource allocation .
- 2- Improving the performance of human resources (academic and functional bodies) by participating in specialized and advanced training and development courses inside and outside the country .
- 3- Preparing plans and programs that ensure the use of resources (physical, financial and technical) available to the college to improve the overall performance of the college .
- 4- Participation of all bodies (academic and career) and students in decisions and practices related to them, and those that contribute to the development of the college's work and improve its performance .
- 5- Developing a comprehensive plan that includes preparing the requirements, supplies and mechanisms that make the college's student outcomes respond to the labor market and the satisfaction of stakeholders .
- 6- Investing feedback information in improving the future performance of the college .

### **strategic goals :**

## Conformity report with standards - College of Administration and Economics, Department of Statistics

- 1- Set goals and plans that enable improving the academic level of the college (students and teaching bodies) .
- 2- Developing plans and mechanisms that enable the pursuit of scientific and knowledge development in the field of the college's specializations .
- 3- Creating the requirements that enable a better teaching environment for students and teachers ...
- 4- Creating appropriate opportunities to meet the college's need from scientific competencies .....
- 5- Laying down plans and providing the requirements that enable improvement and expansion in response to the labor market and community service .
- 6- Implementing the requirements and procedures that enable the college to obtain an academic accreditation certificate .

### Department of Statistics

**Vision:** seeking to be one of the scientific departments scientifically distinguished in teaching students the specialized statistical subjects as well as providing the scientific and statistical consultations needed by government departments and others to serve the community, also the department seeks to develop its scientific curricula and the proficiency of the teaching staff to reach the level of the Arabic and international statistical departments in. The department applies the quality and guaranteeing specifications as well as strengthening the cultural and scientific ties between its professors with the outside world in various scientific and research aspects.

**Mission :** The Department of Statistics seeks to provide the best scientific levels for its students through providing lectures by the department's lecturers and developing students' capabilities in the computer field, as well as providing the best services and consultations in statistical fields to all parties that exchange benefits and interests with the university in the service of society.

### Objectives:

- 1- The quality policy that is applied in the department is to spread this culture among the teachers and students alike in order to raise the scientific level of this department.
- 2- Emphasis on completing the scientific curricula and developing them in line with the scientific and technological development and with the needs of the labor market.
- 3- Spreading moral values and good behavior among students and emphasizing the need to adhere to university regulations and instructions.

### Academic Description Program - Third

provides a **This academic program** description **Description of the academic program** necessary summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he has made the most of the available opportunities. It is accompanied by a description of each course within the program

Albasrah university	Educational institution: Ministry of Higher -1 Education and Scientific Research
Faculty of Administration and Economics	University Department/Center, University of -2 Basra - College of Administration and Economics - Department of Statistics
Department of Statistics	Name of the academic program: Bachelor of -3 Science in Statistics
Bachelor's	Name of final degree: Bachelor's degree -4
*courses	Academic system: semester -5
AACSB	Accredited accreditation program: Under study -6
	Other external influences
	Date of preparing the description 2019/2020 -8



<p>Course objectives -9</p> <p>Preparing statistical staff who possess statistics skills that qualify them to work in state - departments and the private sector</p> <p>Developing students' cognitive and technical skills in statistical sciences in order to fill the - .need in the labor market</p> <p>Developing students' scientific attitudes in order to enable them to build themselves and - develop their ability in graduate studies</p> <p>Providing students with the necessary skills that enable them to achieve creativity in all fields, such as small and entrepreneurial projects</p> <p>Giving students the ability to perform statistical analysis and build the economic feasibility - of projects</p>
<p>Learning outcomes and methods of teaching, learning and evaluation -10</p>
<p>A- Knowledge and understanding</p> <p>.A1- Defining the course and knowing its concept</p> <p>A2- Interpreting the characteristics of the course</p> <p>A3- Clarifying the content of the decision</p> <p>A4- Clarifying the course's theories</p> <p>A5-Explain practical examples about the course</p>
<p>B- Subject-specific skills</p> <p>B1- Acquiring statistical analysis skills for all problems and in all fields</p> <p>B2- Acquiring the skill by recognizing the nature of data, how to collect it, and how to draw conclusions from it</p> <p>B3- Acquire the skill of dealing with various statistical programs</p>
<p>Teaching and learning methods</p> <p>Theoretical lectures-</p> <p>Daily exams-</p> <p>Quarterly exams</p> <p>the audience-</p>
<p>Evaluation methods</p> <p>Objective questions consisting of true or false choices, as well as direct questions -</p> <p>Tests include monthly tests and final semester exams-</p>
<p>C- Thinking skills</p> <p>C1- Proposing new ideas about the topic by the student and teacher in order to develop thinking and hone skills</p> <p>C2- Motivating the student and developing his ability to evaluate the topic and provide solutions</p> <p>C3- Motivating the student to analyze and interpret the problem and phenomena</p>
<p>Teaching and learning methods</p> <p>Objective questions consisting of true or false choices, as well as direct questions -</p> <p>- Tests include monthly tests and final semester exams</p>
<p>Evaluation methods</p> <p>C1- Proposing new ideas about the topic by the student and teacher in order to develop - thinking and hone skills</p> <p>C2- Motivating the student and developing his ability to evaluate the topic and provide solutions</p> <p>C3- Motivating the student to analyze and interpret the problem and phenomena</p>
<p>D- General and transferable skills (other skills related to employability and personal (development</p>
<p>D1- It requires mental skills</p> <p>D2- High concentration in the substance</p>



D3- Using mathematical and logical thought				
Teaching and learning methods				
Objective questions consisting of true or false choices, as well as direct questions -				
- Tests include monthly tests and final semester exams				
Evaluation methods				
- C1- Proposing new ideas about the topic by the student and teacher in order to develop thinking and hone skills				
C2- Motivating the student and developing his ability to evaluate the topic and give solutions				
C3- Motivating the student to analyze and interpret the problem and phenomena				
Certificates -12 and credit hours	Program structure -11			
	Hours and credit units	Name of the course or course	Course or course code	Level/year
Bachelor's degree/required (o) One credit hour	4	Principles of statistics1	31101Sta1	The first stage
	3	differentiation	31102Cal1	
	2	Computer basics1	31103Com1	
	1	human rights	31106Free&Hum	
	1	Freedoms and democracy	31106Free&Hum	
	2	Principles of administration	31104Bas	
	2	English	31108Eng	
	4	Principles of statistics2	31209Sta2	
	3	integration	31210Cal2	
	2	Computer basics2	31211Com2	
	2	Principles of Economics	31213Eco	
	2	Accounting principles	31214Acc	
	2	Arabic	31215Arb	
	3	the odds	32101Pro	The second phase
	3	Preview	32102Sam	
	3	matrices	32103Matr	
	3	Sequences and series	32104Ser-Seq	
	2	Programming language1	32105Mat1	
	2	Control 1		
	2	Economic1		
	3	Probability distributions	32209Dis	
	3	Statistical surveys	32210Sur	
	3	linear algebra	32211Lin-Alg	
	3	differential equations	32212Dif-Eq	
	2	Control2		
	2	Programming language2	32213Mat2	
	2	Economic2	32214Eco-St2	
	3	Statistics 1	33101Math1	third level
	3	Regression analysis1	33102Sim-Reg	
	2.5	Linear programming	33103	
	2	Spss1	33104Ma-SP1	

	2	Vital statistics1	33105Bio1	The fourth stage
	2	Demographic analysis1	33106Ind	
	2.5	Numerical analysis1	33107Num1	
	3	Statistics2	33101Math1	
	3	Regression analysis2	33102Sim-Reg	
	2.5	Operations research	33103	
	2	Spss2	33104Ma-SP1	
	2	Vital statistics2	33105Bio1	
	1.5	Demographic analysis2	33106Ind	
	2.5	Numerical analysis2	33107Num1	
	3	Inference1	34101Inf-Est	
	3	Experiment design 1	34102Des1	
	3	Economic measurement1	34103Eco 1	
	1.5	Time series1	34104Tim 1	
	2	Statistical applications1	34105APP 1	
	3	Multivariate1	34106Mult 1	
	1	Project1		
	3	Inference2	34209Inf-Tes	
	3	Design experiments 2	34210Des2	
	3	Economic measurement2	34211Eco2	
	1.5	Time series2	34212Tim2	
	2	Statistical applications2	34213APP2	
	2	Multivariate2	34214Mult234215 Res	
	1	research project		
Planning for personal development -13				
Acceptance -14				
Central admission - for morning studies -				
Direct submission to evening studies - according to grade and competition -				
The most important sources of information about programs -15				

### Conduct performance quality evaluation - Fourthly

**Firstly** - Conducting an evaluation of the quality of faculty members by the student for the academic year 2022-2023

A measure for evaluating the quality of faculty members' performance by the student, the Ministry's form

The final grade	Develops good attitudes, habits and	Discusses students' answers	Continuously monitors the level	Provides various cooperation	It uses various traditions	Time is invested within the lecture	Encourages and develops	Improves methods of dealing	Diversify the different	It paves the way for the lesson	Teaching	T
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**Conformity report with standards - College of Administration and Economics, Department of Statistics**

	mora ls amo ng stud ents	and resp onds to their inqui ries flexib ly to creat e a safe learn ing envir onm ent	of stud ents for the purp ose of enha ncin g their streng ths and addr essin g their weak ness es	ativ e or compe titive acti vities to stim ulat e stu dents' mot ivati on	nal and elec tron ic met hods in test ing and eval uati on	re to enric h the scien tific mate rial	ps self - lear nin g am ong stu dents	ing with stu den ts and take s into acc oun t indi vid ual diff ere nce s	teac hin g met hod s and met hod s with in the lect ure	n and takes into acco unt the sequ ence in pres entin g the mate rial in a logic al and inter estin g way		
78.2	80.8	80	76.6	76.6	75	79.1	78.3	78.3	78.3	79.1	Wafa .A.M.D Abdel Samad	1
80.6	81.2	81.2	80	79.3	78.7	81.8	79.3	80	81.8	82.5	A.M.D. I want to go around	2
80.6	82.6	81.9	80.7	77.6	76.1	82.6	81.1	81.5	79.2	82.6	M. Muhammad Musa	3
77	81.2	76.2	73.7	71.2	75	77.5	78.7	77.5	81.2	77.5	M. Mona Zahir	4
80.8	81.8	82.8	78.1	78.1	77.7	83.3	81.9	80.7	80.8	83.3	A.M.D. Duraid Hussein Badr	5
82.5	84	84	81	81	78	83	84	84	82	84	A.M.D. Bahaa Abdel Razzaq	6
60	75	55	60	50	55	70	65	45	65	60	Mother. Nadia Ali	7
76.6	85	75	75	65	65	85	81.6	71.6	81.6	81.6	A.M.D. Asmaa Ayoub	8
70.3	73.3	70.8	66.6	67.5	68.3	74.1	70.8	70	69.1	72.5	A.M.D. Raysan Abdel Imam	9
58.2	63.2	60.8	55	53.8	57.9	59.7	58.5	58.5	57.3	57.3	A.M.D. Ali Nasser	10
77.7	80.7	77.8	73.5	72.1	72.1	83.5	76.4	77.8	82.1	80.7	M. Ahmed Hesham	11
70.9	71.3	69.5	70.4	70.4	70.4	70.4	71.3	73.1	71.3	70	M. Fatima Hashem Falhi	12
74	70	80	70	70	65	80	75	80	70	80	M. Zainab Sobeih	13
67.3	73.1	68.6	64.0	62.2	65.9	68.6	69.5	66.8	66.8	67.7	millimeter. Ali Abdel Zahra	14
70.1	72.5	71.6	69.5	67.0	67.0	72.9	70.4	68.3	70.8	71.25	Mother. Sahera Hussein	15

85	85	85	85	85	85	85	85	85	85	85	a. Nada Badr	16
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**Second** - Conducting an evaluation of the quality of the student's performance in the final exams

Student evaluation scale for **the quality of performance of the college and academic departments** For final exams

Final college grade	Scientific departments						Student evaluation paragraphs	T
	Administrative information system	Banking and Finance	Statistics	Accounting	Business Management	Economy		
<b>First - The college's level of interest in providing an environment conducive to taking exams in terms of</b>								
79	80	76	75	84	75	88	Provides continuous electrical current	1
81	87	85	69	80	82	87	Good lighting in examination halls	2
74	84	75	57	72	79	80	Providing cooling and fans in examination halls	3
77	90	69	75	78	76	74	The presence of tight curtains and windows	4
75	80	83	69	72	73	77	Cleanliness of examination halls	5
75	80	95	57	79	72	71	Provides cold water service	6
78	90	84	75	82	66	75	Classroom seats are suitable for taking the exam	7
<b>% 57</b>	<b>%84</b>	<b>%81</b>	<b>%68</b>	<b>%78</b>	<b>%74</b>	<b>%78</b>	<b>The college's level of interest in providing an environment conducive to taking exams</b>	
<b>Second: The quality of the performance of the examination committees in the scientific departments</b>								
73	90	75	75	80	61	78	Announcing the pursuit grades for all academic subjects before the start of the final exams	1
68	82	72	70	69	58	75	The Scientific Department takes into account the scheduling of examination schedules according to the needs and desires of students	2
78	90	91	61	81	71	86	Commitment of academic departments to announce final exam schedules at the appropriate time	3
80	87	91	78	75	69	90	Print level of exam questions	4
<b>%74</b>	<b>%87</b>	<b>%82</b>	<b>%71</b>	<b>%76</b>	<b>%64</b>	<b>%82</b>	<b>The quality of performance of examination committees in scientific departments</b>	
<b>Third - The quality of the performance of faculty members in providing the examination atmosphere inside the examination halls in terms of</b>								
82	80	89	80	78	75	92	Speedy distribution of questions and exam books	1

**Conformity report with standards - College of Administration and Economics, Department of Statistics**

08	91	90	84	68	69	91	Commitment to the exam time without confusing the student by the end of the exam time	2			
71	90	86	64	68	57	83	It provides psychological calm and avoids nervous tension	3			
%77	%87	%88	%76	%71	%67	%88	The quality of the performance of faculty members in providing the examination atmosphere inside the examination halls				
<b>:Fourth - Your opinion of the uniform should be</b>											
							Robes	The jacket	Trousers/skirt	the T-shirt	
77	70	89	61	74	72	92	Lead/indigo	Indigo	Lead	the White	1
82	78	91	69	81	74	98	Gray / black / indigo / coffee			the White	2
%79	%74	%90	%65	77	%73	%95	<b>What do you think about wearing a uniform</b>				
%67	%68	%38	%70	%76	%70	%38	<b>% Final score for all topics</b>				

**Student evaluation scale for the quality of performance of the college and academic departments For final exams**

the college	Scientific departments						Student evaluation paragraphs
	Administrative information system	Banking and Finance	Statistics	Accounting	Business Management	Economy	
75	84	81	68	78	74	78	<b>First</b> - The level of interest of the college and its scientific departments in providing an encouraging environment for taking exams
74	87	82	71	76	64	82	<b>Second</b> : The quality of the performance of the examination committees in the scientific departments
77	87	88	76	71	67	88	<b>Third</b> : The quality of the performance of faculty members in providing the examination atmosphere inside the examination halls
79	74	90	65	77	73	95	<b>Fourth</b> : The student's opinion about wearing the uniform
76	86	83	70	76	70	83	<b>The final grade</b>

**A measure of student evaluation of the quality of performance Department of Statistics For final exams**

Appreciation						Student evaluation paragraphs	T
Arithmetic mean	(1) acceptable	(2) middle	(3) good	(4) very good	(5) excellent		
<b>First - The college's level of interest in providing an environment conducive to taking exams in terms of</b>							

**Conformity report with standards - College of Administration and Economics, Department of Statistics**

3,3			14	6		Provides continuous electrical current	1			
3,4		2	7	11		Good lighting in examination halls	2			
3,2		2	13	5		Providing cooling and fans in examination halls	3			
3,3		1	13	6		The presence of tight curtains and windows	4			
3,5			11	9		Cleanliness of examination halls	5			
3,4		1	10	9		Provides cold water service	6			
3,8		2	9	9		Classroom seats are suitable for taking the exam	7			
<b>%68</b>						<b>The final grade</b>				
<b>Second: The quality of the performance of the examination committees in the scientific departments</b>										
3,2		3	11	6		Announcing the pursuit grades for all academic subjects before the start of the final exams	1			
3,1		2	14	4		The Scientific Department takes into account the scheduling of examination schedules according to the needs and desires of students	2			
3,2			16	4		Commitment of academic departments to announce final exam schedules at the appropriate time	3			
3,2			16	4		Print level of exam questions	4			
<b>%71</b>						<b>The final grade</b>				
<b>Third - The quality of the performance of faculty members in providing the examination atmosphere inside the examination halls in terms of</b>										
3,1		3	12	5		Speedy distribution of questions and exam books	1			
3,2			16	4		Commitment to the exam time without confusing the student by the end of the exam time	2			
3,3			15	5		It provides psychological calm and avoids nervous tension	3			
<b>%76</b>						<b>The final grade</b>				
<b>:Fourth - Your opinion of the uniform should be</b>										
						<b>The forehead</b>	<b>The jacket</b>	<b>Trousers/skirt</b>	<b>the T-shirt</b>	
3,3		2	11	7		Lead/indigo	Indigo	Lead	the White	1
3,2		2	13	5		Gray / black / indigo / coffee			the White	2
<b>%65</b>						<b>The final grade</b>				
<b>%70</b>						<b>Final axes grade</b>				

**Third - Conducting an evaluation of the quality of the performance of the college and its scientific departments according to the satisfaction of the teaching staff**

For the quality of performance of the college and scientific departments **scale Teaching satisfaction** evaluation

the college	Scientific departments						Calendar paragraphs	T
	Administrative information system	Banking and Finance	Statistics	Accounting	Business Management	Economy		
4,5	4,7	4,55	5	4	3,8	5	Your keenness to provide the best for the development and	1



## Conformity report with standards - College of Administration and Economics, Department of Statistics

							success of the college and the scientific department	
4	4,2	3.95	4,8	3,7	3,9	4	Your interest in scientific research for academic advancement	2
4,1	4,3	3.95	4,8	4,1	3,8	4	The extent to which your academic qualification is compatible with your work in the department	3
4,1	4,4	4	4,9	3,8	3,5	4,3	Feeling satisfied to work in your scientific department	4
3,8	4,2	3,65	4,9	3,5	3	4	Your participation in the scientific activities of the department	5
3,9	3,7	3.85	4,8	3,5	3,4	4,3	Feeling satisfied with the method of controlling the attendance of teachers in the department	6
3,8	4	3,4	4,9	3,5	3,2	4	Your participation in scientific conferences, seminars and seminars	7
4,2	4,3	4,1	4,9	3,8	3,9	4,5	Your level of completion of the course	8
3,7	3,7	4	4,5	3	2,7	4,1	Students' level of success	9
3	2	2,5	4,3	2,8	2,3	3,1	The number of students is proportional to the number of teachers and classrooms	10
3,2	3	2,7	4,3	3,4	2,3	2,3	The suitability of academic courses with the labor market	11
3,9	4,3	4,3	3,8	4	3,3	3,9	What is the level of relationship and cooperation with your ?teaching colleagues	12
<b>3,9</b>	<b>The result of the arithmetic mean</b>							
<b>Your level of satisfaction with administrative leadership</b>								
3,7	4	3,6	3,9	3,5	3,5	4,3	Administrative leadership competence of the college dean	13
3,9	4,2	3,7	4,6	3,6	3,5	4,1	The scientific leadership of the Dean of the College in terms of support and encouragement for development and progress in scientific research	14
3,8	3,9	4	4,6	3,3	3,5	3,9	The scientific and administrative leadership competence of the Assistant Dean for Scientific Affairs	15
3,8	3,8	4	4,6	3,2	3,5	3,9	The level of interest of the Assistant Dean of Scientific Research in the development of scientific research	16
3,5	3,7	3,5	4,6	3,5	3,4	3.95	Administrative efficiency, managed by the Assistant Administrative Dean	17
3,5	4	3,15	4,6	3,5	3,3	3,5	Interest in construction and infrastructure development	18
3,5	4,2	3,25	4,6	3,3	3,1	3,8	Suitable classrooms for study	19

## Conformity report with standards - College of Administration and Economics, Department of Statistics

3,9	4,3	3,95	4,7	3,4	3,6	4,3	How satisfied are you with the management of the head of ?your scientific department	20
4	4,3	4,05	4,5	3,6	3,7	4,5	Efficiency of the scientific department's curriculum	21
3,9	4,3	4,45	4,4	3,2	3,6	4,2	Your department head's interest in developing and encouraging scientific research	22
3,7	4,3	3,9	4,2	3,5	3	4,2	You feel satisfied in distributing lectures	23
3,9	4	3,59	4,3	3,6	3,4	4,2	Opportunities to participate in graduate seminars	24
3,6	3,8	3,65	4,3	3,5	2,9	3,95	Opportunities to participate in evaluating scientific research	25
3,7	The result of the arithmetic mean							
3,8	3,9	3,7	4,6	3,5	3,4	4	arithmetic mean final	
<b>%77</b>	<b>% 79</b>	<b>%75</b>	<b>%92</b>	<b>%70</b>	<b>%69</b>	<b>%80</b>	<b>The final grade</b>	

### A measure for evaluating teaching satisfaction in the Department of Statistics for the quality of performance of the college and the scientific department

Appreciation						Calendar paragraphs	T
Arithm etic mean	(1) acce ptab le	(2) midd le	(3) go od	(4) very good	(5) exce llent		
4					20	Your keenness to provide the best for the development and success of the college and the scientific department	1
4,8				3	17	Your interest in scientific research for academic advancement	2
4,8			1	1	18	The extent to which your academic qualification is compatible with your work in the department	3
4,9				1	1	Feeling satisfied to work in your scientific department	4
4,9			1		19	Your participation in the scientific activities of the department	5
4			1	1	18	Feeling satisfied with the method of controlling the attendance of teachers in the department	6
4,9				2	18	Your participation in scientific conferences, seminars and seminars	7
4,9			1	4	16	Your level of completion of the course	8
4,5				9	11	Students' level of success	9
4				15	5	The number of students is proportional to the number of teachers and classrooms	10
4				15	5	The suitability of academic courses with the labor market	11
3,8			2	15	2	What is the level of relationship and cooperation ?with your teaching colleagues	12
<b>Your level of satisfaction with administrative leadership</b>							
3,9		2	4	7	7	Administrative leadership competence of the college dean	13

**Conformity report with standards - College of Administration and Economics, Department of Statistics**

4,6				8	12	The scientific leadership of the Dean of the College in terms of support and encouragement for development and progress in scientific research	14
4,6			1	5	14	The scientific and administrative leadership competence of the Assistant Dean for Scientific Affairs	15
4,6			1	3	15	The level of interest of the Assistant Dean of Science in the development of scientific research	16
4,6			1	5	14	Administrative efficiency, managed by the Assistant Administrative Dean	17
4,6			1	5	14	Interest in construction and infrastructure development	18
4,6				7	13	Suitable classrooms for study	19
4,7				5	15	How satisfied are you with the management of the ?head of your scientific department	20
4,5				10	10	Efficiency of the scientific department's curriculum	21
4			1	10	9	Your department head's interest in developing and encouraging scientific research	22
4				15	5	You feel satisfied in distributing lectures	23
4			1	12	7	Opportunities to participate in graduate seminars	24
4			1	12	7	Opportunities to participate in evaluating scientific research	25
4,6						The result of the arithmetic mean	
%92						<b>The final grade</b>	

**Fourth - Conducting an evaluation of the quality of the performance of the college and its scie departments by graduate students**

**college graduate** evaluation measure for the quality of performance of the college and academic departments

Appreciation						Student evaluation paragraphs	T
Arithm etic mean	(1) acce ptable	(2) middl e	(3) go od	(4) very good	(5) exce llent		
3.12	14	15	25	37	9	The college's goals are realistic .for graduates and ambitious	1
4.48	7	8	25	31	29	The level of study focus on providing opportunities, .specialization, and depth in the field of knowledge	2
2.97	17	20	28	19	16	Level of focus on encouraging scientific research .and intellectual independence	3
2.83	22	15	33	18	12	The level of focus of the study on introducing modern methods into the learning system that increase the graduate's ability to be creative at .work	4
3.84	2	7	30	27	34	The extent of the link between academic education .and various production sectors	5
3.43	5	13	34	30	18	Adapting programs to community needs, the labor .market, and cognitive development requirements	6
4.48	7	8	25	31	29	The college's commitment to credibility and .integrity in all its policies and decisions	7

**Conformity report with standards - College of Administration and Economics, Department of Statistics**

3.54	4	9	37	29	21	The scientific department's commitment to credibility and integrity in all its policies and decisions	8
3.61	3	12	28	35	22	The teaching staff is committed to credibility and integrity in his policies, decisions, and dealings equally with all students	9
3.53	3	13	31	34	19	The college and the scientific and teaching department urge the student before graduation to commit to integrity and honesty in behavior and conduct when practicing work after graduation	10
3.46	2	20	32	22	24	Does the teaching profession emphasize ethical dimensions when practicing work after graduation	11
3.30	11	17	27	24	21	Did the scientific department provide rules that guarantee every student the right to appeal	12
3.28	7	21	24	33	15	Did the scientific department seek to ensure fairness and non-discrimination between students in terms of teaching and learning opportunities	13
3.12	14	15	25	37	9	Does the scientific department use the ethical scientific method in evaluating students by faculty members	14
4.48	7	8	25	31	29	Did the college provide guarantees and legal guarantees to preserve students' rights	15
2.83	22	15	33	18	12	Did the college care about the security and safety of its students	16
3.84	2	7	30	27	34	Were the academic departments evaluating the causes of student dropout and failure and discussing them with the students	17
3.43	5	13	34	30	18	Do academic departments compare the level of their students with their peers at other universities	18
3,53						The result of the arithmetic mean	
70,63						The final grade	

**Fifth - Conducting an evaluation of the quality of graduate students' performance according to the satisfaction of beneficiary entities and employers**

A measure for evaluating the beneficiaries and employers for the **quality level of performance of graduates of the College of Administration and Economics**

Scientific departments					Student evaluation paragraphs	T
Banking and Finance	Statistics	Accounting	Business Management	Economy		
3,9	3,7	3,7	3,5	3,4	,Realistic college goals ?Are you characterized ?graduates' ambitions, and the labor market	1
4	3,8	3,3	3,5	3,4	The extent to which academic study focuses on providing opportunities, specialization, and depth in the field of knowledge and work in state departments	2
4,2	3,9	4,1	3,3	3,5	The extent to which the graduate focuses on work development and intellectual independence	3
4,1	3,8	3,5	3,2	3,4	The extent to which the graduate is able to	4

## Conformity report with standards - College of Administration and Economics, Department of Statistics

					introduce modern methods into the learning system that increase the ability to be creative .at work	
3,9	3,7	2,9	3,1	3,9	The extent of the link between academic education and the various sectors of .production and work	5
4	3,7	2,9	3,2	4,6	The suitability of programs to the needs of society, the labor market, and the requirements .of cognitive development	6
4,3	3,7	3,2	3,6	4,6	The extent of the graduate's commitment to credibility and integrity in all his policies and .decisions	7
4,4	3,9	3,2	3,9	4,2	The extent of the graduate's commitment to integrity and honesty in behavior and ethical .behavior when practicing work	8
4,4	3,7	3,8	3,8	4,3	The level of our graduates when they are ? paired with graduates of other colleges	9
4,13	3,8	3,3	3,5	3,9	The result of the arithmetic mean	
<b>%83</b>	<b>%76</b>	<b>%68</b>	<b>%70</b>	<b>%79</b>	<b>The final grade</b>	

### He touched on the quality of the satisfaction of beneficiaries and employers A scale for evaluating of the Department of Statistics performance of graduates

Appreciation						Student evaluation paragraphs	T
Arithm etic mean	(1) acce ptab le	(2) midd le	(3) go od	(4) very good	(5) exce llent		
3,7			10	5	5	The college's goals are ?Are you characterized the graduates are ambitious. And the realistic and ?labor market	1
3,8			8	7	5	The study focuses on providing opportunities, specialization, and deepening the field of .knowledge and work in state departments	2
3,9			8	6	6	The extent to which the graduate focuses on work development and intellectual independence	3
3,8			6	5	9	The extent to which the graduate is able to introduce modern methods into the learning system that increase the ability to be creative at .work	4
3,7			10	5	5	The extent of the link between academic education .and the various sectors of production and work	5
3,7			10	5	5	The suitability of programs to the needs of society, the labor market, and the requirements of cognitive .development	6
3,7			10	5	5	The graduate's commitment to credibility and .integrity in all his policies and decisions	7
3,9			8	6	6	The extent of commitment to integrity and honesty in behavior and ethical behavior when practicing .work	8
3,7			10	5	5	The level of our graduates when they are paired ? with graduates of other colleges	9
3,8						The result of the arithmetic mean	

%76	The final grade
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**Academic subjects programme : Fifth**

**First:** Postgraduate studies

Masters				
The second course		The first course		T
The number of hours	Subjects	The number of hours	Subjects	
2	Operations research	2	Linear programming	1
2	Design experiments	2	Advanced possibilities	2
2	inference	2	Multivariable	3
2	standard	2	Mathematical statistics	4
2	Time series	2	programming language	5
10	the total	10	the total	

**Second :** Initial study

The first stage				
The second course		The first course		T
The number of hours	Subjects	The number of hours	Subjects	
4	Statistics 2	4	Statistics 1	1
2	The language is Arabic	2	Administrati on	2
2	Economy	1	Freedom	3
2	Accounting	1	Rights 1	4
3	Calculators 2	3	Calculators 1	5
3	integration	3	differentiatio n	6
		2	English	7
16	the total	16	the total	

The second phase				
The second course		The first course		T
The number of hours	Subjects	The number of hours	Subjects	
3	Probability	3	Possibilities	1



	distributions			
3	Differential equations	3	Sequences	2
2	Control 2	2	Control 1	3
3	Linear algebra	3	matrices	4
3	Programming 2	3	Programming 1	5
2	economic	2	Economic 1	6
3	Statistical surveys	3	Preview methods	7
18	the total	19	the total	

third level				
The second course		The first course		T
The number of hours	Subjects	The number of hours	Subjects	
3	Mathematical statistics2	3	Mathematical statistics 1	1
3	Operations research	3	Linear programming	2
3	Regression analysis2	3	Regression analysis 1	3
3	Numerical analysis 2	3	Numerical analysis 1	4
3	Spss2	3	Spss1	5
3	Demographic 2	2	Demographic 1	6
2	Vital 2	2	Vital 1	7
20	the total	19	the total	

The fourth stage				
The second course		The first course		T
The number of hours	Subjects	The number of hours	Subjects	
3	Inference 2	3	Inference 1	1
3	Commercial 2 design	3	Commercial Design1	2
3	Standard2	3	Standard 1	3
3	Time series 2	3	Time series 1	4
3	Multivariate 2	3	Multivariable	5
3	Applications 2	3	Applications 1	6
2	research project	2	research project	7
20	the total	20	the total	

Student Reception Guide 2022/2023 **Sixth** - Folder  
Folder for the Faculty of Management and Economics

Job description for graduates of the Statistics Department - **Seventh**

Number of years of service	Career Title	Class
4	Statistical assistant	Seven
4	statistical	Six
5	Senior statistician	Fifth
5	Assistant Chief Statistician	Fourth
5	Chief statistician	Third
5	Senior Chief Statistician	the second
	-	The first

**Qualifications and skills of a graduate of the Department of Statistics:** A graduate of the Department of Statistics is granted the following skills

- 1- .Advanced skills in applied statistics, computing and mathematics
- 2- The skills and techniques required to solve business problems, process data and .information, and make decisions based on the digital data obtained
- 3- .Skills in searching for and collecting data through counting and inventorying
- 4- .Draw conclusions and conclusions and make appropriate decisions
- 5- .Prediction based on the results of statistical inference
- 6- Skills in using computers and preparing computer programs that enable statistical analysis .of data on various phenomena in practical life

**: Fields of work for a graduate of the Department of Statistics**

- 1- central Statistical Organization
- 2- Statistics and Planning Divisions in all public and private sector institutions
- 3- Banking and financial institutions sector
- 4- Insurance companies
- 5- Statistical analysis companies and offices
- 6- Computing companies
- 7- Telecommunications sector
- 8- Freelancing