**Academic program description form**

**University Name: University of Basra**

**Faculty/ Institute : Faculty of Administration and Economics**

**Scientific Department : Department of Statistics**

**Academic or Professional Program Name : Bachelor's degree in statistics**

**Final Certificate Name : Master of Statistics**

**Academic system : Courses**

**Description Preparation Date:26 /2/2024**

**File completion Date : 26/2 /2024**

**Signature: Signature:**

**Head of Department Name : Scientific Associate Name:**

**Date: Date:**

**The file is checked of quality assurance and university performance**

**Director of the quality assurance and university performance department:**

**Date :**

**Signature:**

**Approval of the Dean**

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| 1. **Program vision**
 |
| **The Department of Statistics seeks to prepare graduates in the field of statistical sciences to work in government departments and benefit from specialization in the practical and applied field.** |

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| 1. **Program mission**
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| **Working to prepare and graduate leading scientific and leadership competencies in the field of statistical sciences and to develop the balance of knowledge in the field of scientific research in the field of statistics to serve the local, regional and international community, as well as training and refining the minds of students scientifically and cognitively, and emphasizing social and cultural values and responding to the requirements of the local market.** |

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| 1. **Program objectives**
 |
| 1. **Understand and understand statistics and solve existing statistical and mathematical problems.**
2. **Dealing with statistical problems and developing solutions for them.**
3. **Understanding statistical methods and techniques in solving problems of statistical units.**
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| 1. **Program accreditation**
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| 1. **Other external influences**
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| 1. **Program structure**
 |
| **reviews** | **Percentage**  | **Credit hours** | **Number of courses**  | **Program structure** |
| **Basic educational materials** |  | **45 hour** | **45 hour** | **Institution requirements** |
|  |  |  | **Yes** | **College requirements**  |
|  |  |  | **Yes** | **Department requirements** |
|  |  |  | **Nothing** | **Summer training** |
|  |  |  |  | **Other** |

* **This can include notes whether the course is basic or optional**

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| 1. **Program description**
 |
| **Credit hours**  | **Course name**  | **Course code**  | **Year/ level** |
|  | **45** | **Statistical surveys** |  | **2023/2024 second level** |
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| 1. **Expected learning outcomes of the program**
 |
| **Knowledge**  |
|  | **- Keeping pace with the development of statistics****- Communicate with everything that is new or useful and adapt it.** |
| **Skills**  |
|  | **. The ability to understand and apply statistics****. Dealing with statistical requirements and problems.** |
|  | **. Building statistical and quantitative foundations for students in the Statistics Department.** |
| **Ethics**  |
|  | **Developing students’ abilities to share ideas.** |
| **Learning outcomes statement 5** | **Learning outcomes 5** |

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| 1. **Teaching and learning strategies**
 |
| **- Explaining the scientific material to students in detail.****- Participation of students in solving statistical and mathematical problems.****- Discussion and dialogue about vocabulary related to the subject.** |

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| 1. **Evaluation methods**
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| **Daily assignments, assignments, weekly and monthly exams, and the end of the course.** |

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| 1. **Faculty**
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| **Faculty members**  |
| **Number of teaching staff**  | **Special requirements/skills if applicable)**  | **Specialization**  | **Academic rank** |
| **Lecturer**  | **Staff**  |  | **Special**  | **General**  |
|  | **staff** |  |  | **Applied Statistics** | **Statistics** | **Assist lecturer** |

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| **Professional development**  |
| **Mentoring new faculty members** |
| **Briefly describes the process used to mentor new ,visiting ,full-time ,and part time faculty at the institution and department level.** |
| **Professional development of faculty members** |
| **Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies , assessment of learning outcomes , professional development…etc** |

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| 1. **Acceptance criterion**
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| **(setting regulations related to enrollment in the college or institute, whether central admission or others)** |
| 1. **The most important sources of information about the program**
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| **http://www.aitrs.org/ar/node/1011** |
| 1. **Program development plan**
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| **Program skills outline** |
|  | **Required program learning outcomes**  |
| **Ethics**  | **Skills** | **Knowledge**  | **Basic or optional** | **Course name**  | **Course code** | **Year / level**  |
| **C4** | **C3** | **C2** | **C1** | **B4** | **B3** | **B2** | **B1** | **A4** | **A3** | **A2** | **A1** |  |  **l**  |  | **2023/2024 second level** |
| **\*** |  | **\*** |  |  | **\*** |  |  |  |  |  | **\*** | **Basic** | **Statistical surveys** |  |
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* **Please tick the boxes corresponding to the individual program learning outcomes under evaluation**

**Course description form**

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| 1. **Course name**
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| **Statistical surveys** |
| 1. **Course code**
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| 1. **Semester / year**
 |
|  **second semester 2023/2024** |
| 1. **Description preparation date :**
 |
| **26/3/2024** |
| 1. **Available attendance form :**
 |
| **Weekly lectures in the department halls** |
| 1. **Number of credit hours (total) / number of units (total)**
 |
| **30 hours per course / 3 hours per week** |
| 1. **Course administrator`s name ( mention all, if more than one name)**
 |
| **Name :Rihab Ahmed Abed Email :** **rihab.ahmed@uobasrah.edu.iq** |
| 1. **Course objectives**
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| **Course objectives**  | **Statistical surveys:****1 - The course aims to teach students the basic concepts of statistical surveys.****2- Teaching students to understand how to work using samples and their types.** |
| 1. **Teaching and learning strategies**
 |
|  **Strategy**  | **In-person lectures****Discussion style** |
| 1. **Course structure**
 |
| **Week** | **hours** | **Required learning outcomes** | **Unit or subject name** | **Learning method**  | **Evaluation method** |
| **First****the second****the third****the fourth****Fifth****VI****Seventh****VIII****Ninth****The tenth****eleventh****twelveth****Thirteenth****fourteenth****Fifteenth** | **3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours****3 hours** | **Preparing the student scientifically and educationally according to solid scientific foundations****Using the acquired information in the field of life** | **Basic concepts/comprehensive inventory and sample, the basic idea of sampling and estimation, data sources****The basic steps in designing the sample and designing the questionnaire form****Sampling frame and sampling units have advantages and disadvantages****Types of samples and requirements for a good sample****The concept of errors and their classification****Non-specific errors in the preparation and preparation stages****Non-specific errors in the data collection stage****Non-specific errors in the data processing stage and publishing the results****First month exam****Types of household surveys****Sampling methods in household surveys, determining the sample size****Sampling frames in household surveys, construction and use of weights****Determine the inspection notification for survey data****The programs used are spss, Matlab, Minitab****Second month exam** | **In-person lectures****=****=****=****=****=****=****=****=****=****=****=****=****=****=****=****=****=****=****=****=** | **Daily and monthly attendance tests****Assigning the student to homework assignments****Observation procedure** **Discussion procedure** |

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| 1. **Course evaluation**
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| **Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.** |
| 1. **Learning and teaching resources**
 |
| **Required textbooks (curricular books, if any)** |  |
| **Main references (sources)**  |  |
| **Recommended books and references (scientific journals, reports** |  |
| **Electronic references, website**  | **http://www.aitrs.org/ar/node/1011** |