



**University of the Inheritors of the Prophets
(AS) College of Management and Economics
Department of Oil and Gas Economics**

Course Description Template

Principles of Statistics			Course name	1
			Course Code	2
2026/2025	The academic year	Second Ch.	The chapter	3
2026/2/12			Description History	4
The physical presence in the classroom			Available forms of attendance	5
Theory class 180	Total number of study hours			6
The email	The name		Name of the course coordinator	7
mariam.hussein@uowa.edu.iq	Asst. Lec. Mariam H. Nassir Alkindy			
<p>This course aims to achieve the following:</p> <p>A. Teach the student and equip him with experience in recognizing scientific research tools.</p> <p>B. Train and educate the student on designing methods for data collection, classification, presentation, and analysis for the purpose of making appropriate decisions.</p> <p>C. Deepen students' understanding of the concept of the research community and its sample.</p> <p>D. Deepen students' understanding of the importance of statistics in the fields of economics and management.</p> <p>E. Teach the student and equip him with experience in methods of data collection and how to measure them.</p>			Course Objectives (Objectives of the Study Material)	8

<p>A- Knowledge and Understanding:</p> <ol style="list-style-type: none"> 1. Knowledge and understanding of the subject of statistics. 2. Understanding the importance of statistics in the field of economics and management. 3. Knowledge and understanding of types of data and methods of measuring and collecting it. 4. Knowledge and understanding of the types of errors that data may be exposed to when collected. <p>B- Skills Specific to the Topic: Highlighting practical cases from the reality of the research sample of a particular community.</p>				<p>Teaching and Learning Strategies (Strategy)</p>	<p>9</p>
				<p>Course structure</p>	<p>10</p>
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	The hours	The week
Daily	Lecture	A brief overview of the science of statistics	A brief overview of the science of statistics	3	1
Daily	Lecture	Chapter One: Definition of Statistics	Definition of Statistics	3	2
Daily	Lecture	The importance of statistics in the field of economics and management.	The importance of statistics in the field of economics and management.	3	3
Exam	Exam	The first exam of the first semester and the solutions to the exam questions.	The first exam of the first semester and the solutions to the exam questions.	3	4
Daily	Lecture	Data collection methods	Data collection methods	3	5
Daily	Lecture	Identifying the errors that the	Identifying the errors that the data collection process faces.	3	6

		data collection process faces.			
Daily	Lecture	Organizing and presenting data	Organizing and presenting data	3	7
Exam	Exam	The first exam	The first exam	3	8
Daily	Lecture	Data classification	Data classification	3	9
Daily	Lecture	Categorical data and non-categorical data	Categorical data and non-categorical data	3	10
Daily	Lecture	The graphical and geometric representation of ungrouped data	The graphical and geometric representation of ungrouped data	3	11
Daily	Lecture	Methods of presenting tabulated data	Methods of presenting tabulated data	3	12
Daily	Lecture	Frequency distributions and their graphical representation	Frequency distributions and their graphical representation	3	13
Daily	Lecture	Measures of central tendency	Measures of central tendency	3	14
Exam	Exam	Second month exam	The second exam		15
Course evaluation: The distribution of the grade out of 100 according to the tasks assigned to the student such as daily preparation, daily and oral exams, monthly and written exams, and reports, etc.					11
Learning and Teaching Resources					12
There is no prescribed book.			Main References		
Book (Introduction to Statistics): by Khashi Maḥmūd al-Rāwī 2023, University of Mosul					

Book (Introduction to Statistics): by Khashi Maḥmūd al-Rāwī 2023, University of Mosul	Supporting references (magazines and reports)	
	Electronic references	
Asst. Prof. Dr. Fahd M. Al-Shammari	Department Head Name	
	His signature	
2026/2/12	The history	