

course description formC

Course Name .1	
Statistical	
Code Course .2	
STAT109	
year /Semester .3	
2024-2023 ,first stage ,semester (spring)The second	
description was prepared Date this .4	
2024/2/1	
Available attendance forms .A .5	
My presence	
(total)number of units /(total) Number of study hours .6	
units 3.5 /practical 3 +theoretical 2	
if more than one name is) Name of the course administrator .7 (mentioned	
Raghad Naseer Walid .M :Name Nahid Sharif Omar .M .M	
objectives Course .8	
<p style="text-align: right;">:Practical</p> <p>oping the student to identify the most important data that controls ulating them ,collecting them In the method of d placing them in a frequency distribution table ddition to the most important statistical laws in calculating results ed on the null .To know its significance or not .and alternative theory</p>	<p style="text-align: center;">Objectives of the study subject</p> <p style="text-align: right;">:theoretical</p> <p>oping the student to understand and - related to statistics comprehend what is hematical relations and their relationship to scientific .experiments of data Enable the student to know the nature - components and features .In the method of collecting data oping the student to become familiar with - methods of collecting and classifying data .And put it in a frequency distribution table owering the student with his ability to know - t important mathematical standards in the calculating data student can judge the significance of the results</p>

<p>Short exams assignments discussions</p>	<p>:My theory Auditory methods of writing on the blackboard Dialogue style Direct</p>	<p>:My theory nature of statistical data</p>	<p>nature of explainsB1 the data statistics in identifying data sample Population statistical symbols</p>	<p>2 Theoretical</p>	<p>2</p>
<p>Solve examples and homework</p>	<p>Assigning tasks And report</p>	<p>nature of statistical data and symbols Statistics</p>	<p>gnizes the most A8 important Statistical symbols And give examples</p>	<p>Practical3</p>	
<p>Short exams assignments discussions</p>	<p>Auditory methods style on Writing the blackboard Dialogue style Direct</p>	<p>ular presentation and graphical representation</p>	<p>recognizes the displayA2 graphical Aljadduli presentation by recognition es of tables and some definitions a the mission quency distribution table</p>	<p>2 Theoretical</p>	<p>3</p>
<p>Apply examples of statistical symbols</p>	<p>Assigning tasks And report</p>	<p>The nature of statistical and symbols Statistics</p>	<p>ws the most A8 important rules stical The mission is on symbols And application to it</p>	<p>Practical3</p>	

and homework					
Short exams assignments discussions	Auditory methods Writing style on the blackboard Dialogue style Direct	frequency distribution table Relative	covered the B2 distribution table relative as shown Iterative in the table the graphical representation of the distribution table relative frequency and frequency table .The gathering	2 theoretical	4
Short practical 1 test	Assigning tasks And report	graphical representation and tabular display	familiar with isC2 graphing tabular display consists of a frequency distribution table and its representation	Practical3	
Short exams assignments discussions	Methods Auditory Writing style on the blackboard Dialogue style Direct	measures of concentration or mediation	proficient inB3 positioning measures mediation by defining standards and recognition the most important standards and application of the mean median Arithmetic for classified and unclassified values	2 theoretical	5

Solve examples and homework	Assigning tasks And report	asures of concentration or mediation	familiar with B7 positioning standards liation by applying examples of mediation ometric calculation of assified classified and values	Practical3	
Short .exams assignment ents discussions	uditory methods Writing style on the blackboard Dialogue style Direct	asures of dispersion or difference	icient in dispersion B4 metrics erence in definition of andards and recognition ortant On the most ics and estimation of variance standard deviation and deviation sified and Average .unclassified values	2 heoretical	6
Solve examples and homework	Assigning tasks And report	asures of concentration or mediation	familiar with B7 positioning standards liation by applying examples of mediation sified and unclassified values	Practical3	

Semester ' 1 exam final ' exam report	auditory methods Writing style on the blackboard Dialogue style Direct	probability Principles of theory	ains theoretical C1 principles abilities by defining probabilities most important terms used discrete probability distributions and properties Binomial distribution	2 eoretical	7
Solve examples and homewo rk	Assigning tasks And report	asures of concentration or mediation	familiar with B7 positioning standards liation by applying examples along the lines unclassified Classified values	ractical 3	
Short exams assignme nts discussio ns	auditory methods Writing style on the blackboard Dialogue style Direct	Hypothesis testing	Proficient TestB5 hypotheses by identifying the most important istical hypotheses and decision making	eoretical 2 1	8
Short practical 2test	Assigning tasks And report	asures of dispersion or difference	familiar with B8 dispersion metrics erence by applying the term examples to n and Variance standard deviation	ractical 3	

Short exams assignments discussions	Auditory methods Writing style on the blackboard Dialogue style Direct	square distribution -Chi	gnizes the square A3 distribution by definition of chi square and steps apply an example Test distribution Chi square	theoretical 2 1	9	
Solve examples with homework	Assigning tasks And report	principles of probability theory	efficient in theoretical C1 principles abilities by taking applications on Possibilities	practical 3		
Short exams assignments discussions	Auditory methods Writing style on the blackboard Dialogue style Direct	Statistical tests	familiar with statistical A4 tests at the most By learning important steps Statistics for tests	theoretical 2 1	10	

Solve examples with homework	Assigning tasks And report	Hypothesis testing	trates hypothesis C3 testing imating hypotheses after solving an example On that	actical 3	
Short exams assignments discussions	auditory methods Writing style on the blackboard Dialogue style Direct	Normal distribution	gnizes the normal A5 distribution ning normal distribution and methods estimating it for	oreticala2 1	11
Short practical 3test	:practical Assigning tasks And report	Statistical tests	suggests methodsC4 most important statistical tests test square -Chi	actical 3	
Short exams assignments and discussions Solve examples and homework	auditory methods Writing style on the blackboard Dialogue style Direct :practical Assigning tasks And report	mples of normal distribution Statistical tests	examples of B6 distribution ural by applying an mple to the distribution Natural suggests methodsC4 ortant The most statistical tests (t) distribution	oreticala2 1 ractical3	12

<p>Short exams assignments discussions</p>	<p>Auditory methods Writing style on the blackboard Dialogue style Direct</p>	<p>testz</p>	<p>z test knows the definition test and its estimation methods</p>	<p>theoretical 2 1</p>	<p>13</p>
<p>Short practical 4test</p>	<p>Assigning tasks And report</p>	<p>Statistical tests</p>	<p>suggests methods most important statistical tests (z) test</p>	<p>practical 3</p>	
<p>exam 2 final exam report</p>	<p>Auditory methods Writing style on the blackboard Dialogue style Direct</p>	<p>distribution</p>	<p>knows the definition by test and its estimation methods</p>	<p>theoretical 2 1</p>	<p>14</p>

Solve examples and homework	Assigning tasks And report	Statistical tests	ers normal B10 distribution ications on Studying normal distribution	ractical3	
Short .exams assignments discussions	auditory methods Writing style on the blackboard Dialogue style Direct	correlation and regression	familiar with A7 correlation and regression nition of correlation and regression methods Appreciate it	theoretica2 1	15
Short practical 4test	Assigning tasks And report	correlation and regression	vs correlation and C5 regression solving examples of correlation And decline	ractical 3	

Course evaluation .11

such as according to the tasks assigned to the student 100Distribution of the grade out of .etc reports written exams monthly oral daily preparation daily

Relative % weight	Class	Calendar date (week)	Calendar methods	T
%13	7 theoretica +1 6 practical	My theory for a (15)week My work week (15)	a final +A theoretical final report report on the subject the operation	1
%6	4 Theoretic + al	(3)week	Quiz (1)Short test	2

	Practical 21			
%15	10 theoretical + 5 practical	(9)week	theoretical and)Midterm test (practical	3
%6	Theoretical + calculation Practical 21	(12)week	Quiz (2)Short test	4
%20	20	Practical exams week	practical test Final	5
%40	40	The week of theoretical exams	Final theoretical test	6
%100	100		the total	
Learning and teaching resources .12				
Principles of Statistics book		(if any ,methodology)Required textbooks		
		(sources) Main references		
articles and books published in universities Iraqi		Recommended supporting books and (...reports ,scientific journals)references		
websites specialized in statistics principles		Internet sites ,Electronic references		

Instructor of theoretical part

Raghad nasseer

Instructor of practical part

Nahid sharif omar

Chairman of the scientific committee

Prof. Dr. Moafak mahmood ahmed

Head of the department of Food science

Prof. Dr. Sumaya khalaf badawi