Course Description

This course description provides a concise summary of the main features of the course and the learning outcomes the student is expected to achieve, demonstrating whether he or she has made the most of the opportunities.learningAvailable. It must be linked to the program description.;

University of the Prophets' Successor - College	1. Educational institution				
of Media					
Digital Media Department	2. Sectionscientific/ Center				
Applied Statistics and Data Analysis -ASDM	3. Course Name/Code				
mandatory	4. Available attendance forms				
M.M. Appointment of Jaber Kazim	5. Name of the subject teacher				
annual	6. semester/year				
Three hours, two practical and one theoretical	7. Number of study hours(kidney)				
11/12/2014	8. Date this description was prepared				
9. Course objectives					
The student should be familiar with the concept	of statistics and its scientific				
importance.					
The student should study the concept of quantitative and qualitative					
variables.					
To familiarize the student with the origin and development of statistics.					
The student should become familiar with the concepts related to descriptive					
and analytical statistics.					
The student should explain the foundations of selecting samples and the research community.					

The student will understand how to find the percentage and display the data.

The student should have the ability to find measures of central tendency (arithmetic mean, median, mode)

The student will be able to expand his knowledge about dispersion measures (range, variance, standard deviation).

The student should demonstrate statistical operations in organized scientific ways.

10.Outputs of the Scheduled Teaching, learning and assessment methods

A- TheCognitive objectives

A1-Knows the concept of statistics

A2-Learn about variables and their types A3-Defines the main functions of statistics.

A4-Learn how to select samples.

A5-It identifies the most important mechanisms for designing a questionnaire.

A6-Knowing the difference between descriptive statistics and analytical statistics.

B - ObjectivesSkillsYesPrivateScheduled.

B1-Gain experience and skills by studying previous experiences B2-Learn about the most important elements of the course

B3- The student acquires practical and scientific skills that help him perform his duty in the required manner.

B4- Relying on what has been studied in the application by conducting statistical equations.

Teaching and learning methods

- 1- Scientific lecture method
- 2- Discussion method by directing questions to students and participating in the lecture

Evaluation methods

Daily oral test The test is short Monthly test Final Exam C-Affective and value-based goals
A1-Demonstrate professional responsibility at work by drawing on
previous historical experiences.
A2-Demonstrate the ability to think critically and constructively and solve
problems by drawing on and benefiting from past experiences.
A3-Ability to work in groups and collaborate
A4- The ability to manage time optimally

D - General skills and Qualification Transferable (other skills related to employability and personal development).

D1- The student can be a journalist Statistically.

D2- The ability to Self-knowledge

D3-To have realistic experiences with cognitive perceptions

D4-To develop statistical skills.

11.Course structure					
Evaluation method	Teaching method	Unit name/topic	Required learning outcomes	watc hes	week
Test, written, oral and direct questions	Giving lectures	The concept of statistics and its types	The student learns the concept Statistics	3	1
Test, written, oral and direct questions	Giving lectures	Types of variables	The student should know the types of variables.	2	2
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Research community and sample	The student should understand the concept of the research community and the sample.	2	3
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Sampling principles	The student should explain the types of samples.	2	4
Test, written, oral and direct questions	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Organizing the questionnaire form	The student should explain how to organize the questionnair e form.	2	5
Test, written, oral and	Giving lectures	How to extract, tabulate, and display the	The student should be aware of the	2	6

direct questions		results in their final form	mechanisms for extracting data from the questionnair e.		
Written and oral tests and direct questions	Giving lectures	(arithmetic mean, median, mode)	The student must show Measures of central tendency	2	7
Written and oral tests and direct questions	Giving lectures	Measures of dispersion (range, standard deviation, variance)	For the student to know From expansionPerf orming statistical equations to extract dispersion measures	2	8
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Causal relationships (Spearman and Pearson)	The student should realize Statistical methods for studying causal relationshipsA	2	9
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on	Data display methods	The student must show Data types and sources	2	10

	the general				
	_				
Electronic	circumstances.		The strident	2	11
Electronic,	Delivering		The student	2	11
written,	lectures and	Th	should be		
oral and	discussions in	The concept of	able to		
direct	person or	data analysis	analyze and		
questions	electronically,	and	interpret		
tests	depending on	interpretation	data.		
	the general				
77	circumstances.		m))		4.0
Electronic,	Delivering	Creating	The student	2	12
written,	lectures and	frequency	should		
oral and	discussions in	tables-Types of	explain the		
direct	person or	tables -	preparation		
questions	electronically,	conditions for	of the data.		
tests	depending on	preparing the			
	the general	table.			
	circumstances.				
Electronic,	Delivering	Statistical	The student	2	13
written,	lectures and	significance	should		
oral and	discussions in	measures	explain the		
direct	person or		measures of		
questions	electronically,		statistical		
tests	depending on		significance.		
	the general				
	circumstances.				
Electronic,	Delivering	K2 test- testT-	The student	2	14
written,	lectures and	Detect the	should be		
oral and	discussions in	relationship	aware of the		
direct	person or	through	rules of		
questions	electronically,	percentages	testing		
tests	depending on		assignments.		
	the general				
	circumstances.				
Electronic,	Firet c	emester e	vam	2	15
written,	111363	CITICSUCT C.	naiii		
oral and					
direct					
questions					
tests					
Electronic,	Delivering	Statistical	The student	2	16
written,	lectures and	system (spss)	should		
oral and	discussions in		explain the		

T		1			
		definition of		person or	direct
		the statistical		electronically,	questions
		system (spss)		depending on	tests
				the general	
				circumstances.	
17	2	The student	The importance	Delivering	Electronic,
		should know	of the program	lectures and	written,
		the	(spss)	discussions in	oral and
		importance		person or	direct
		of the		electronically,	questions
		program		depending on	tests
		(spss)		the general	
				circumstances.	
18	2	The student	simple linear	Delivering	Electronic,
		should	regression	lectures and	written,
		explain		discussions in	oral and
		simple linear		person or	direct
		regression.		electronically,	questions
				depending on	tests
				the general	
				circumstances.	
19	2	The student	simple linear	Delivering	Electronic,
		should	correlation	lectures and	written,
		demonstrate		discussions in	oral and
		a simple		person or	direct
		linear		electronically,	questions
		relationship.		depending on	tests
				the general	
				circumstances.	
20	2	The student	Rank	Delivering	Electronic,
		should	correlation	lectures and	written,
		explain the		discussions in	oral and
		relationship		person or	direct
		between		electronically,	questions
		ranks.		depending on	tests
				the general	
				circumstances.	
21	2	The student	Pearson's	Delivering	
		should	correlation	lectures and	Electronic,
		understand	coefficient	discussions in	written,
		Pearson's		person or	oral and
		correlation		electronically,	direct
		coefficient.		depending on	

questions	the general				
tests	circumstances.			_	
Electronic,	Delivering	Saberman	The student	2	22
written,	lectures and	correlation	must		
oral and	discussions in	coefficient	demonstrate		
direct	person or		the		
questions	electronically,		Saberman		
tests	depending on		correlation		
	the general		coefficient.		
	circumstances.				
Electronic,	Delivering	Using the	To explain	2	23
written,	lectures and	statistical	the practical		
oral and	discussions in	calculator	statistical		
direct	person or		applications		
questions	electronically,				
tests	depending on				
	the general				
	circumstances.				
Electronic,	Delivering	Data dump	The student	2	24
written,	lectures and		should learn		
oral and	discussions in		data entry		
direct	person or		skills.		
questions	electronically,				
tests	depending on				
	the general				
	circumstances.				
Electronic,	Delivering	Data encoding	The student	2	25
written,	lectures and	and tabulation	will		
oral and	discussions in		understand		
direct	person or		the practical		
questions	electronically,		applications		
tests	depending on		of data		
	the general		coding and		
	circumstances.		tabulation.		
Electronic,	Delivering	Display data	The student	2	26
written,	lectures and		should		
oral and	discussions in		demonstrate		
direct	person or		practical		
questions	electronically,		applications		
tests	depending on		in data		
	the general		presentation.		
	circumstances.		T		

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Electr	onic,	Delivering	Data	The student	2	27
wri	itten,	lectures and	interpretation	must show		
	l and	discussions in	and analysis	Data		
d	irect	person or		interpretatio		
quest	tions	electronically,		n and		
	tests	depending on		analysis		
		the general				
		circumstances.				
Electr	onic,	Delivering	Extracting the	To	2	28
wri	itten,	lectures and	final results	understand		
ora	l and	discussions in		the		
d	irect	person or		extraction of		
quest	tions	electronically,		final results		
	tests	depending on				
		the general				
		circumstances.				
Electr	onic,	Delivering	Draw	То	2	29
wri	itten,	lectures and	conclusions	demonstrate		
ora	l and	discussions in		the skills of		
d	irect	person or		drawing		
quest	tions	electronically,		conclusions		
	tests	depending on				
		the general				
		circumstances.				
Written	n and	My presence	Second month		2	30
oral	tests		exam			
and d	irect					
ques	tions					
	12.	infrastructure				
-			noth	ing 1	- Requir	ed textbook

nothing	1- Required textbooks
1- Money and Business Statistics2- Data display and analysis3- Statistics in Media Studies	2- Main references (sources)

13. Curriculum development plan: keeping pace with the scientific developments taking place and using modern methods in media studies, pointing out weak points, applying the basic components of comprehensive quality management.

