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 of Media	1. Educational institution
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 theScheduledTeaching, 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 andQualificationTransferable (other skills related to employability and personal development). D1- The student can be a journalistStatistically. D2- The ability toSelf-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 questionnaire.		
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 expansionPerforming 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 relationshipsAnd	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 circumstances.				
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	The concept of data analysis and interpretation	The student should be able to analyze and interpret data.	2	11
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Creating frequency tables-Types of tables - conditions for preparing the table.	The student should explain the preparation of the data.	2	12
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Statistical significance measures	The student should explain the measures of statistical significance.	2	13
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	K2 test- testT- Detect the relationship through percentages	The student should be aware of the rules of testing assignments.	2	14
Electronic, written, oral and direct questions tests	First semester exam			2	15
Electronic, written, oral and	Delivering lectures and discussions in	Statistical system (spss)	The student should explain the	2	16

direct questions tests	person or electronically, depending on the general circumstances.		definition of the statistical system (spss)		
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	The importance of the program (spss)	The student should know the importance of the program (spss)	2	17
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	simple linear regression	The student should explain simple linear regression.	2	18
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	simple linear correlation	The student should demonstrate a simple linear relationship.	2	19
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Rank correlation	The student should explain the relationship between ranks.	2	20
Electronic, written, oral and direct	Delivering lectures and discussions in person or electronically, depending on	Pearson's correlation coefficient	The student should understand Pearson's correlation coefficient.	2	21

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

Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Data interpretation and analysis	The student must show Data interpretation and analysis	2	27
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Extracting the final results	To understand the extraction of final results	2	28
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Draw conclusions	To demonstrate the skills of drawing conclusions	2	29
Written and oral tests and direct questions	My presence	Second month exam		2	30

12.infrastructure	
nothing	1- Required textbooks
1- Money and Business Statistics 2- Data display and analysis 3- 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.