

Course description template science Statistics

Course Name .1	
Principles of Statistics / Descriptive Statistics	
Course code .2	
the chapter/Year .3	
semesterthe first/2025-2026	
Date this description was prepared .4	
(2023/2024)	
Available forms of attendance .5	
My attendance in classrooms	
Number of study hours (total) / Number of units (total) .6	
Total number of study hours(30) /Number of units(3)	
Name of the course coordinator (if there is more than one, please .7 mention it).	
the name:A.m.Kazem Al-Asadi's appointment alasadimoued79@gmail.com	
Course objectives .8	
<p>roducing the student to basic statistical concepts and their uses in practical life. development skill student in tab and classification Data raw And convert it to information Useful.</p> <p>Gain student ability on account and interpretation Measurements The tendency Central and scattering.</p>	<p>course objectives</p>
Teaching and learning strategies .9	
<p>Theoretical aspect: Explanation of concepts Statistics, statistical methods, and how to solve mathematical problems related to statistics.</p> <p>* Scientific interaction: Activating student participation when plaining the material and raising scientific questions about it as part of the evaluation process.</p> <p>Commitment to attendance: Obliging students to attend lectures by allocating attendance grades within the evaluation.</p>	<p>strategy</p>

Assignments: Students are given assignments for the purpose of evaluation and to determine their academic level in relation to the material given.

Course structure .10

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Participation, discussion, exam	In-person lecture	It focuses on practical understanding and rules to prepare the student for the program.	theoretical	3	.1
Participation, discussion, exam	In-person lecture	It focuses on practical understanding and rules to prepare the student for the program.	theoretical	3	.2
Participation, discussion, exam	In-person lecture	It focuses on practical understanding and rules to prepare the student for the program.	theoretical	3	.3
Participation, discussion, exam	In-person lecture	Introduction to statistics, data types, and sampling methods	theoretical	3	.4
Participation, discussion, exam	In-person lecture	Introduction to statistics, data types, and sampling methods	theoretical	3	.5
Participation, discussion, exam	In-person lecture	Introduction to statistics, data types, and sampling methods	theoretical	3	.6
The exam	In-person lecture	Measures of central tendency (mean, median, mode).	theoretical	3	.7
Participation, discussion, exam	In-person lecture	Measures of central tendency (mean, median, mode).	theoretical	3	.8
Participation, discussion, exam	In-person lecture	Measures of central tendency (mean, median, mode).	theoretical	3	.9
Participation, discussion, exam	In-person lecture	Measures of central tendency (mean, median, mode).	theoretical	3	.10

Participation, discussion, exam	In-person lecture	Measures of dispersion (standard deviation, variance, coefficient of variation).	theoretical	3	.11
Participation, discussion, exam	In-person lecture	Measures of dispersion (standard deviation, variance, coefficient of variation).	theoretical	3	.12
Participation, discussion, exam	In-person lecture	Measures of dispersion (standard deviation, variance, coefficient of variation).	theoretical	3	.13
The exam	In-person lecture	Mid-year review and exam.	theoretical	3	.14
Participation, discussion, exam	In-person lecture	Mid-year review and exam.	theoretical	3	.15
Participation, discussion, exam	In-person lecture	Introduction to the program and user interface: Screen recognition (Data View and Variable View.	practical	3	.16
Participation, discussion, exam	In-person lecture	Introduction to the program and user interface Screen familiarization (Data View and Variable View.	practical	3	.17
Participation, discussion, exam	In-person lecture	Data entry and editing How to enter raw data and correct errors.	practical	3	.18
Participation, discussion, exam	In-person lecture	File and data management File merging, case sorting (Sort Cases), and sample selection	practical	3	.19
Participation, discussion, exam	In-person lecture	List of transfers (Transform) Compute new variables and recode.	practical	3	.20
Participation, discussion, exam	In-person lecture	Descriptive statistics (Descriptive) Extracting	practical	3	.21

		frequencies and percentages.			
Participation, discussion, exam	In-person lecture	Measures of tendency and dispersion inSPSS Extract (Mean, SD, Variance) with one click.	practical	3	.22
Participation, discussion, exam	In-person lecture	Statistical graphs Creating (Histograms, Pie Charts, Boxplots) and exporting them	practical	3	.23
Participation, discussion, exam	In-person lecture	Correlation analysis(Correlation) Calculating Pearson and Spearman correlation coefficients electronically.	practical	3	.24
Participation, discussion, exam	In-person lecture	Linear regression (Linear Regression Building a prediction model and extracting the equation of a straight line	practical	3	.25
Participation, discussion, exam	In-person lecture	"T" tests(T-Tests) - 1 One-Sample T-Test	practical	3	.26
Participation, discussion, exam	In-person lecture	"T" tests(T-Tests) - 2 Independent Samples T-test	practical	3	.27
Participation, discussion, exam	In-person lecture	Analysis of variance (ANOVA) Introduction to the One-Way Analysis of Variance Test.	practical	3	.28
Participation, discussion, exam	In-person lecture	Reading and interpreting the results (Output) How to write a report based on output tables	practical	3	.29
Participation, discussion, exam	In-person lecture	Final Exam (Practical and Theoretical) Comprehensive Assessment of Acquired Skills	practical	3	.30
Course evaluation .11					

<p>Distribution of the grade from 100 According to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, and written exams, and reports.....etc</p> <p>*60 Final written exam grade.</p> <p>*40 Student's level of effort.</p> <p>A- 30 Student's monthly exam score.</p> <p>for- 5 Grades for daily oral participation during the lecture.</p> <p>C- 5 Lecture attendance grades.</p>	
<p>Learning and teaching resources .12</p>	
<p>book Statistics and program SPSS (Version 20 and above). Approved.</p>	<p>Required textbooks (methodology, if applicable)</p>
<p>-----</p>	<p>Main references (sources)</p>
<p>-----</p>	<p>Recommended supporting books and references (scientific journals, reports...)</p>
<p>websites dedicated to studies related to media management and planning</p>	<p>Electronic references, websites</p>

