

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	Statistics for Business Administration		Module Delivery
Module Type	B		☒ Theory ☐ Lecture ☐ Lab ☐ Tutorial ☒ Practical ☐ Seminar
Module Code	BA1202		
ECTS Credits	6		
SWL (hr/sem)	150		
Module Level	1	Semester of Delivery	1
Administering Department	Business Administration	College	Administration and Economics
Module Leader	Dr. Sajad Sadiq Alheed	e-mail	E-mail
Module Leader's Acad. Title	Assistant Prof.	Module Leader's Qualification	Ph.D.
Module Tutor	Dr. Sajad Sadiq Alheed	e-mail	E-mail
Peer Reviewer Name		e-mail	E-mail
Scientific Committee Approval Date	1/9/2025	Version Number	1.0

Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	

Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Objectives أهداف المادة الدراسية	1. Course objectives 1- This course provides an introduction to some basic principles in statistics 2- Introducing the student to methods of collecting data, selecting a sample, and methods of presenting it 3- Introducing the student to how to use statistical methods, tabulate data, analyze it, and extract results 4- Familiarizing the student with the basic principles of statistics and its application in the field of management 2. Course outcomes and teaching, learning and evaluation methods - A- Cognitive objectives - A1- Acquiring statistical knowledge for the learner and dealing with society - A2- Understand how to use statistics in terms of symbols, data, tables and charts - A3- The learner acquires sufficient knowledge in the field of statistics and its applications
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Providing students with the skills of classifying and tabulating data and the most important matters related to data types in order to improve their abilities in statistics and enhance its basics. 2. Teach them how to understand, comprehend and use relative frequencies and percentages ascending and descending 3. Teach them the addition symbol and the minus symbol 4. Providing them with the skills of central tendency rates and everything related to their quantitative calculations and how to use data in their rates 5. Teaching them how to extract the arithmetic mean, median, and mode using the simplest formulas and methods that enable them to exploit them in extracting the results of the values available in the obtained data. 6. Teaching them how to extract measures of dispersion, range and mean deviation for the purpose of strengthening their abilities in this regard. 7. Teaching them how to extract variance, apply its law, alternatives to the law, its tables and results, and interpret positive and negative values and acceptance. 8. Teaching them how to extract the standard deviation and how to measure its results and interpret its values 9. Teaching them how to extract linear correlation and multiple correlation graphs using the method of Spearman and Pearson, and the difference between them, such as ranks and attributes, and interpret their values and the graphs related to them. 10. Teaching them how to extract the correlation coefficient in a simple way, use the fields of the tables related to it simply, and interpret the results of its calculations quantitatively and technically. 11. Teaching them how to extract regression and everything related to its constants, equations, and interpreting its values 12. Teaching them how to differentiate between the correlation coefficient and the regression coefficient.

Indicative Contents المحتويات الإرشادية	Indicative content includes the following. Part A 1.Enhancing students' skills with regard to measurements, classifying, tabulating, and grouping data in ascending and descending order, multiplying data, using that data in measures of central tendency from the arithmetic mean, mode, and median, applying their calculation formulas, and interpreting their results to the student and everyone who has anything to do with the drawings and charts related to them. . AC Using the data obtained by extracting the correlation coefficient of all types, multiple and simple [SSWL=75 hrs] 2- How to differentiate between multiple, simple, and Spearman and Pearson correlation 3-Interpretation of data and results related to linear regression and all constants, relationships, and coefficient graphs Part B The coupling coefficient, all the data extracted from it, and interpretation of the results [SSWL=71 hrs] Total hrs = 150 = SSWL - (Exam hrs) = 150 - 4 = 146 hr (Time table hrs x 15 weeks)
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Learning and Teaching Strategies استراتيجيات التعلم والتعليم	
Strategies	The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. This will be achieved through classes, interactive tutorials and by considering types of simple experiments involving some sampling activities that are interesting to the students.

Student Workload (SWL) الحمل الدراسي للطلاب محسوب لـ ١٥ اسبوعا			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطلاب خلال الفصل	63	Structured SWL (h/w) الحمل الدراسي المنتظم للطلاب أسبوعيا	7
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطلاب خلال الفصل	87	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطلاب أسبوعيا	6
Total SWL (h/sem) الحمل الدراسي الكلي للطلاب خلال الفصل	150		

Module Evaluation					
تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #9,
	Assignments	2	10% (10)	2 and 12	LO #3, #4 and #6, #7
	Projects /	1	10% (10)	Continuous	All
	Report	1	10% (10)	13	LO #5, #7 and #9
Summative assessment	Midterm Exam	2hr	10% (10)	7	LO #1 - #6
	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)	
المنهاج الاسبوعي النظري	
	Material Covered
Week 1	Classify and tabulate data
Week 2	Relative, percent, and cumulative frequency
Week 3	Addition symbol and multiplication symbol
Week 4	Measures of central tendency
Week 5	The arithmetic mean, median, and mode
Week 6	Measures of dispersion are range and mean deviation
Week 7	Standard deviation
Week 8	contrast
Week 9	Simple linear correlation
Week 10	Rank correlation
Week 11	Correlation of traits
Week 12	Coupling coefficient
Week 13	Regression
Week 14	The relationship between the correlation coefficient and regression
Week 15	exercises
Week 16	Preparatory week before the final Exam

Delivery Plan (Weekly Lab. Syllabus)	
المنهاج الاسبوعي للمختبر	
	Material Covered
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Week 7	

Learning and Teaching Resources		
مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	1.Bluman,A.G. (2007)" elementary Statistics	Yes
Recommended Texts	Principles of Statistics - Written by: Dr. Ahmed Abdel Samie Medical	No
Websites	https://www. Statistics in Management -Nochlin Zhao.COM	

Grading Scheme				
مخطط الدرجات				
Group	Grade	التقدير	Marks %	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

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رئيس قسم ادارة الاعمال

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the University: Wafa Saeed Hassan**

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