متطلبات مسار بولونيا المرحلة الاولى للعام الدراسي 2024-2025

Contact

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	Republic of Iraq - Ministry of Higher Education and Basrah University	جمهورية العراق - وزارة التعليم العالى والبحث العلمى جامعة البصرة
	Bachelor's degree in Statistics (First cycle)	بكالوريوس في الاحصاء (الدورة الأولى) منهاج المرحلة الاولى للعام الدراسى ٢٠٢٤/٢٠٢٥
	Program Curriculum (2024 - 2025)	المنهاج الدراسي للعام (٢٠٢٤ - ٢٠٢٥)

Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w) CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)	Exam hr/sem	SSWL hr/sem	USSWL hr/sem	SWL hr/sem	ECTS	Module Type
UGI	One	1	STAT 101	principleof statistics	مبادئ الاحصاء ١	Arabic	4	0	0	0	2	0	2	92	158	250	10	C
		2	STAT 102	Differentiation	تفاضل	Arabic	3	0	0	0	2	0	2	77	123	200	8	C
		3	STAT 103	Fundamentals of Computer Science	اساسيات علم الحاسوب	Arabic	1	0	2	0	0	0	2	47	28	75	3	B
		4	STAT 104	Human Rights and Democracy	حقوق الانسان والديمقراطية	Arabic	2	0	0	0	0	0	2	32	18	50	2	B
		5	STAT 105	Principles of Economiac	مبادئ الاقتصاد	Arabic	3	0	0	0	1	0	2	62	63	125	5	S
		6	STAT 106	Arabic Language	لغة عربية	Arabic	2	0	0	0	0	0	2	32	18	50	2	B
					Total		15	0	2	0	5	0	12	342	408	750	30	

Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w) CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)	Exam hr/sem	SSWL hr/sem	USSWL hr/sem	SWL hr/sem	ECTS	Module Type
Two	1	STAT 107	Advanced statistics	احصاء متقدم	Arabic	4	0	0	0	1	0	2	77	173	250	10	C
	2	STAT 108	Integration	تكامل	Arabic	3	0	0	0	1	0	2	62	138	200	8	C
	3	STAT 109	English Language	لغة انكليزية	English	2	0	0	0	0	1	2	47	3	50	2	B
	4	STAT 110	principles of accoounting	مبادئ المحاسبة	Arabic	3	0	0	0	1	0	2	62	63	125	5	S
	5	STAT 111	Principles Administration	مبادئ الادارة	Arabic	3	0	0	0	1	0	2	62	63	125	5	S
					Total		15	0	0	0	4	1	10	310	440	750	30	

Note: The student should complete 4 weeks of Summer Internships to fullfil the requirements of the Bachelor's degree

Structured SWL (hr/w) type	CL	Class Lecture	Module type	B	Basic learning activities	SWL:	Student Workload
	Lab	Laboratory		C	Core learning activity	SSWL:	Structured SWL
	Pr	Practical Training		S	Suport or related learning activity	USSWL:	Unstructured SWL
	Tut	Tutorial		E	Elective learning activity		
	Lect	Online lecture					
	Semn	Seminar	Note: Columns O, Q and R are progrmaed, protected and should not be edited				

Basra University
جامعة البصرة

First Cycle – Bachelor's degree (Financial Sciences)- Statistic

بكالوريوس علوم في الاحصاء

Table of Contents | جدول المحتويات

1. Mission & Vision Statement

Vision Statement

The Department of Statistics aspires to be one of the scientifically distinguished departments in teaching students specialized statistical subjects and providing scientific and statistical consultations needed by government departments and others to serve the community. It seeks to develop its scientific curricula and the competence of its teachers to reach the ranks of statistics departments in Arab and later international universities. Applying quality specifications and ensuring them, in addition to his endeavors to strengthen the bonds of cultural and scientific relations between the ranks of his professors and external knowledge in various scientific and research aspects.To achieve this vision, the department directs its activities to achieve the following messages- :

The Department of Statistics seeks to provide the best academic levels to its students by giving theoretical and applied lectures by the best professors and developing their capabilities in the field of computers and data analysis. As well as providing the best services and consultations in the statistical fields to all those who exchange benefits and interests with the university to serve the community through training and development through the establishment of specialized courses in the field of computers and statistical specialization with the aim of raising their competence in using the computer and analyzing data.

2-Program Specification

Programme code:		ECTS	240
Duration:	4 levels, 8 Semesters	Method of Attendance:	Full Time

The Statistics Department is considered one of the most important modern departments compatible with the labor market and has increasing importance in the modern era, as it provides institutions and sectors at a general level with detailed data and reports on the workflow of those institutions, which serve as tools in the light of which decisions and consultations are made to support the success of the work of those institutions.

In the first stage, students learn to introduce the basic principles on which the student builds his education, including the principles of statistics, financial accounting, business administration, economics principles, and the English language.

In the second, third and fourth levels, the student is provided with the most important specialized subjects.

The department works on:

1.Providing an advanced educational environment in curricula and educational methods based on information technology and methods that meet the needs of the labor market.

2. Preparing highly qualified graduates who are able to compete in entering the labor market easily, and who are able to continue postgraduate studies, keep pace with scientific development in the field of statistical analysis and consultation, and provide institutions of both governmental and private in Iraq with qualified qualified graduates to manage and develop them.

3. Keeping up with global and local developments in statistics.

4. . Motivating and increasing students' ability to think, analyze and create, and encourage them to immerse themselves in scientific activities and practices in a team spirit.

5. Developing the student's technological skills related to statistical analysis of market studies.

6. Stimulating scientific research and supporting specialized scientific and applied studies that have a positive impact on society.

7. Increasing and continuing communication between the department and graduates with the aim of developing and securing their professional futures.

3- Program Objectives

1. Providing a comprehensive education in the field of statistical analysis that focuses on scientific thinking, engagement with developments in statistical analysis, and work in organizations across a wide range of statistics.

2. Prepare students for a wide range of post-baccalaureate paths, including graduate studies and training programs in institutions, and learn about the work of those institutions.

3. Providing intensive practical training in the field of statistical analysis.

4. Providing comprehensive training on written and oral communication of scientific information

5. Enriching students with alternative education opportunities in the field of statistical analysis through university research, practical training, and study abroad

4- Student Learning Outcomes

The department is committed to educating and training students through high-quality educational and training programs and ethical values in a model and advanced educational environment so that they become managers, employees, accountants, etc., who have the ability to face the labor market while meeting the needs of society, with a willingness to engage in postgraduate studies, and for the teaching staff to be leaders in education and training. Students and developing areas of scientific research at the national and global levels through research related to community problems and providing recommendations and solutions for the purpose of supporting and strengthening society. Graduates will be able to demonstrate scientific quantitative skills, such as the ability to conduct simple data analyses.

5- Academic Staff

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6-   Credits, Grading and GPA

Credits

(Name) University is following the Bologna Process with the European Credit Transfer System (ECTS) credit system. The total degree program number of ECTS is 240, 30 ECTS per semester. 1 ECTS is equivalent to 25 hrs student workload, including structured and unstructured workload.

Grading

Before the evaluation, the results are divided into two subgroups: pass and fail. Therefore, the results are independent of the students who failed a course. The grading system is defined as follows:

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:				

Number 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.

Calculation of the Cumulative Grade Point Average (CGPA)

1. The CGPA is calculated by the summation of each module score multiplied by its ECTS, all are divided by the program total ECTS.

   CGPA of a 4-year B.Sc. degree:

   CGPA = [(1st ^{module} score x ECTS) + (2nd ^{module} score x ECTS) + ...] / 240

7-   **Curriculum/Modules**

Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
STAT 101	Principle of statistics	92	158	10	C	
STAT 102	Differentiation	77	123	8	C	
STAT 103	Fundamentals of Computer Science	47	28	3	B	
STAT 104	Human Rights and Democracy	32	18	2	B	
STAT 105	Principles of Economiac	62	63	5	S	
STAT 106	**Arabic Language**	32	18	2	B	
				30		

Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
STAT 107	Advanced statistics	77	173	10	C	
STAT 108	Integration	62	138	8	C	
STAT 109	English Language	47	3	2	B	
STAT 110	principles of accoounting	62	63	5	S	
STAT 111	Principles Administration	62	63	5	S	
				30		

Semester 3 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 4 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 5 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 6 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 7 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 8 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

8-   Contact

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Name of the University
جامعة البصرة

First Cycle – Bachelor's Degree (B.Sc.) - Statistic

بكالوريوس - احصاء

Table of Contents

1. Overview

This catalogue is about the courses (modules) given by the program of Statistic to gain the Bachelor of Science degree. The program delivers (xx) Modules with (6000) total student workload hours and 240 total ECTS. The module delivery is based on the Bologna Process.

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نظره عامه

يتناول هذا الدليل المواد الدراسية التي يقدمها برنامج الاحصاء للحصول على درجة بكالوريوس العلوم. يقدم البرنامج (xx) مادة دراسية، على سبيل المثال، مع (xx) إجمالي ساعات حمل الطالب و ٢٤٠ إجمالي وحدات أوروبية. يعتمد تقديم المواد الدراسية على عملية بولونيا.

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2. Undergraduate Courses 2024-2025

Module 1

Code	Course/Module Title	ECTS	Semester
STAT101	**Principle of statistics**	10	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
4	2	92	158
Description			

Statistics is an important science. Through this course, the student is introduced to the most important foundations and principles, as well as learning about the importance of this science and the relationship between statistics and other sciences. How to use it to study phenomena and problems in various fields and the mechanisms of its use in analysis and scientific research. It can also introduce the student to how to define dealing with numbers and how to apply various studies to reality and increase the students' ability to analyze and interpret results.

Module 2

Code	Course/Module Title	ECTS	Semester
STAT 102	**Differentiation**	8	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	2	77	123
Description			

Through this course, students will learn about the importance of mathematics in statistic sciences, and will learn about the most important mathematical functions and differenation. In addition to learning about the necessary basics related to other subjects such as accounting and others, and increasing students' skills in linear programming, differential calculus, and others

Module 3

Code	Course/Module Title	ECTS	Semester
STAT 103	Fundamentals of Computer Science	3	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
1	2	47	28
Description			

This course introduces students to three main areas of computer science: computer hardware, hardware systems, and office software. In the theoretical part of the course, students will be given a detailed explanation of algorithms, Boolean algebra, binary mathematics, and the theory of computation. While studying hardware systems, students will be introduced to the hardware components of computers, digital logic, and the concept of office software. In addition, practical computer lessons will be devoted to providing students with practical information about Microsoft Office software such as Word, Excel, PowerPoint, and Access.

Module 4

Code	Course/Module Title	ECTS	Semester
STAT 104	**Human Rights and Democracy**	2	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	0	32	18
Description			

The course aims to identify the nature of human rights, determine the importance and characteristics of human rights, as well as to know the historical development of human rights in civilizations, types of rights and public freedoms, and to identify historical intellectual contributions, rights and freedoms, and their philosophical comparisons. It also aims to identify human rights in declarations of rights, international documents, regional agreements, and economic and social freedoms through the five Iraqi constitutions. It also aims to increase students' awareness of the means of protecting human rights, political and international means, and legislation.

Module 5

Code	Course/Module Title	ECTS	Semester
STAT 105	**Principles of Economic**	5	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	1	62	63
Description			

This important course introduces the concepts of economics, its historical development, economic

foundations, and the most important traditional and contemporary theories in economics. It also increases students' skills in identifying human behavior in light of economic theories and studying theories of consumer and production behavior by identifying the concepts and theoretical framework of production theories in the short and long term. This program focuses on providing students with skills and abilities to think and organize their behavior in light of economics and identifying the structure of economic markets and its various types, in addition to increasing students' knowledge of the concepts of income and national product and methods of calculating income.

Module 6

Code	Course/Module Title	ECTS	Semester
STAT 106	**Arabic Language**	2	1
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2	0	32	18
Description			
One of the basic requirements of the university through which students are provided with knowledge and insight into the basic concepts of learning the Arabic language to increase students' ability to master administrative correspondence linguistically, in addition to explaining the most important rules for writing and distinguishing numbers, as well as increasing students' skills in knowing the most important spelling rules and the various rules of the Arabic language that increase students' skills in this field			

Module 7

Code	Course/Module Title	ECTS	Semester
STAT 107	Advanced statistics	10	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
4	1	77	173
Description			
Statistics is an important science. Through this course, the student is introduced to the most important foundations and principles, as well as learning about the importance of this science and the relationship between statistics and other sciences. How to use it to study phenomena and problems in various fields and the mechanisms of its use in analysis and scientific research. It can also introduce the student to how to define dealing with numbers and how to apply various studies to reality and increase the students' ability to analyze and interpret results.			

Module8

Code	Course/Module Title	ECTS	Semester
STAT 108	Integration	8	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	1	62	138
Description			

Through this course, students will learn about the importance of mathematics in statistic sciences, and will learn about the most important mathematical functions and integration. In addition to learning about the necessary basics related to other subjects such as accounting and others, and increasing students' skills in linear programming, differential calculus, and others

Module9

Code	Course/Module Title	ECTS	Semester
STAT 109	English Language	2	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
2		47	3
Description			

One of the basic requirements for students of the Project Management Department, which is considered a requirement of the labor market, through which the student learns the rules of the English language, which increases the student's learning of conversation and translation skills in the English language and increases the students' skills in reading and writing in the English language. 7 And identifying common pronunciation errors among students during translation, and increasing their knowledge of how to write formal emails used in various administrative aspects. In addition to teaching the student how to write his own CV that he needs to enter the labor market

Module10

Code	Course/Module Title	ECTS	Semester
STAT 110	principles of accounting	5	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	1	62	63
Description			

Through this subject, the basics of Accounting are identified in terms of the general objectives and stages that Accounting has gone through. The student is able to identify the function assigned to accounting and its general directions. And to identify in general the importance of cash and its relation to the work of accounting. And to identify in general the types of financing and the cost of obtaining financing. And the importance of financial planning and preparing estimated budgets

Module11

Code	Course/Module Title	ECTS	Semester
STAT 111	Principles Administration	5	2
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
3	1	62	63
Description			
Through this subject, the basics of financial management are identified in terms of the general objectives and stages that financial management has gone through. The student is able to identify the function assigned to financial management and its general directions. And to identify in general the importance of cash and its relation to the work of financial management. And to identify in general the types of financing and the cost of obtaining financing. And the importance of financial planning and preparing estimated budgets.			

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Module

Code	Course/Module Title	ECTS	Semester
Class (hr/w)	**Lect/Lab./Prac./Tutor**	**SSWL (hr/sem)**	**USWL (hr/w)**
Description			
This section includes a description of the module, 100-150 words			

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MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information		
معلومات المادة الدراسية		
Module Title	Management principles	Module Delivery
Module Type	S	☒ **Theory**
Module Code	Stat111	☒ **Lecture**
		☐ **Lab**
ECTS Credits	5	☐ **Tutorial**
SWL (hr/sem)	125	☒ **Practical**
		☐ **Seminar**
Module Level	The first stage	**Semester of Delivery**		2
Administering Department	Statistics	**College**		Administration and Economics
Module Leader		**e-mail**		
Module Leader's Acad. Title		**Module Leader's Qualification**		
Module Tutor		**e-mail**		
Peer Reviewer Name		**e-mail**	E-mail	
Scientific Committee Approval Date	8-8-2024	**Version Number**	1.0	

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

Module Aims, Learning Outcomes and Indicative Contents
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Objectives أهداف المادة الدراسية	Introducing students to the basics and principles of management in institutions
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	A graduate with knowledge of the basics of management
Indicative Contents المحتويات الإرشادية	

Learning and Teaching Strategies
ستراتيجيات التعليم والتعلم

Strategies	- Theoretical lectures - Video clips - Prints and posters

<table>
<tr><td colspan="4">Student Workload (SWL)</td></tr>
<tr><td colspan="4">الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا</td></tr>
<tr><td>Structured SWL (h/sem)
الحمل الدراسي المنتظم للطالب</td><td>62</td><td>Structured SWL (h/w)
الحمل الدراسي المنتظم للطالب اسبوعياً</td><td>4</td></tr>
<tr><td>Unstructured SWL (h/sem)
الحمل الدراسي غير المنتظم للطالب خلال الفصل</td><td>63</td><td>Unstructured SWL (h/w)
الحمل الدراسي غير المنتظ للطالب اسبوعيا</td><td>3</td></tr>
<tr><td>Total SWL (h/sem)
الحمل الدراسي الكلي للطالب خلال الفصل</td><td colspan="3">125</td></tr>
</table>

<table>
<tr><td colspan="6">Module Evaluation</td></tr>
<tr><td colspan="6">تقييم المادة الدراسية</td></tr>
<tr><td></td><td></td><td>Time/Number</td><td>Weight (Marks)</td><td>Week Due</td><td>Relevant Learning Outcome</td></tr>
<tr><td rowspan="3">Formative assessment</td><td>Quizzes</td><td>1</td><td>10% (10)</td><td>4 and 8</td><td>During the semester</td></tr>
<tr><td>Assignments</td><td>1</td><td>10% (10)</td><td>5 and 12</td><td>During the semester</td></tr>
<tr><td>Report</td><td>1</td><td>10% (10)</td><td>10</td><td>During the semester</td></tr>
<tr><td rowspan="2">Summative assessment</td><td>Midterm Exam</td><td>1hr</td><td>20% (20)</td><td>14</td><td>During the semester</td></tr>
<tr><td>Final Exam</td><td>2hr</td><td>50% (50)</td><td>16</td><td>All Semester</td></tr>
<tr><td colspan="2">Total assessment</td><td></td><td>100% (100 Marks)</td><td></td><td></td></tr>
</table>

	Delivery Plan (Weekly Syllabus)
	Planned weekly curriculum
week	**Material Covered**
Week 1	The origins of management + concept + importance
Week 2	The concept of the manager + his roles
Week 3	important components of the environment surrounding the organization Identify the most
Week 4	Identify the most important components of the environment surrounding the organization
Week 5	organization Identify the most important components of the environment surrounding the
Week 6	Building the vision, mission, and goals of the organization and its departments
Week 7	Preparing plans at the level of the organization and its departments
Week 8	Learn about job design and organization structure building
Week 9	Learn about job design and organization structure building
Week 10	Learn about job design and organization structure building
Week 11	Identify the most important types of leadership
Week 12	Identify the most important types of leadership
Week 13	about the concept of control and its most important tools Learn
Week 14	The emergence of management, concept, importance, concept of the manager, and his roles
Week 15	Semester exam
Week 16	

	Learning and Teaching Resources	
	And teaching Learning sources	
	Text	**Available in the Library?**
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		
Recommended Texts		
Websites		Yes
Websites		Yes

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.

MODULE DESCRIPTION FORM
نموذج وصف المادة الدراسية

<table>
<tr><td colspan="4" align="center">Module Information
معلومات المادة الدراسية</td></tr>
<tr><td>Module Title</td><td colspan="2" align="center">Arabic language</td><td>Module Delivery</td></tr>
<tr><td>Module Type</td><td colspan="2" align="center">B</td><td rowspan="4">☒ Theory
☒ Lecture
☐ Lab
☐ Tutorial
 Practical
☐Seminar</td></tr>
<tr><td>Module Code</td><td colspan="2" align="center">STAT106</td></tr>
<tr><td>ECTS Credits</td><td colspan="2" align="center">2</td></tr>
<tr><td>SWL (hr/sem)</td><td colspan="2" align="center">50</td></tr>
<tr><td>Module Level</td><td align="center">Fisrt class</td><td>Semester of Delivery</td><td>1</td></tr>
<tr><td>Administering Department</td><td align="center">Statistics</td><td>College</td><td>Administration and Economics</td></tr>
<tr><td>Module Leader</td><td></td><td>e-mail</td><td></td></tr>
<tr><td>Module Leader's Acad. Title</td><td></td><td>Module Leader's Qualification</td><td></td></tr>
<tr><td>Module Tutor</td><td></td><td>e-mail</td><td></td></tr>
<tr><td>Peer Reviewer Name</td><td></td><td>e-mail</td><td>E-mail</td></tr>
<tr><td>Scientific Committee Approval Date</td><td align="center">8-8-2024</td><td>Version Number</td><td>1.0</td></tr>
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<table>
<tr><td colspan="4" align="center">Relation with other Modules
العلاقة مع المواد الدراسية الأخرى</td></tr>
<tr><td>Prerequisite module</td><td>None</td><td>Semester</td><td>None</td></tr>
<tr><td>Co-requisites module</td><td>None</td><td>Semester</td><td>None</td></tr>
</table>

Module Aims, Learning Outcomes and Indicative Contents
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Objectives أهداف المادة الدراسية	- Introducing students to the principles of Arabic grammar and literature
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	A graduate with knowledge of Arabic grammar and punctuation tools
Indicative Contents المحتويات الإرشادية	

Learning and Teaching Strategies
استراتيجيات التعليم والتعلم

Strategies	- Giving class lectures - Exercising students on case studies - Video clips - discussions

<table>
<tr><td colspan="4" align="center">**Student Workload (SWL)**
الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا</td></tr>
<tr>
<td>**Structured SWL (h/sem)**
الحمل الدراسي المنتظم للطالب</td>
<td>32</td>
<td>**Structured SWL (h/w)**
الحمل الدراسي المنتظم للطالب اسبوعياً</td>
<td>2</td>
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<tr>
<td>**Unstructured SWL (h/sem)**
الحمل الدراسي غير المنتظم للطالب خلال الفصل</td>
<td>18</td>
<td>**Unstructured SWL (h/w)**
الحمل الدراسي غير المنتظ للطالب اسبوعيا</td>
<td>1</td>
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<td>**Total SWL (h/sem)**
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<table>
<tr><td colspan="6" align="center">**Module Evaluation**
تقييم المادة الدراسية</td></tr>
<tr>
<th></th>
<th></th>
<th>Time/Number</th>
<th>Weight (Marks)</th>
<th>Week Due</th>
<th>Relevant Learning Outcome</th>
</tr>
<tr>
<td rowspan="3">**Formative assessment**</td>
<td>**Quizzes**</td>
<td>1</td>
<td>10% (10)</td>
<td>4 and 8</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Assignments**</td>
<td>1</td>
<td>10% (10)</td>
<td>5 and 12</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Report**</td>
<td>1</td>
<td>10% (10)</td>
<td>10</td>
<td>During the semester</td>
</tr>
<tr>
<td rowspan="2">**Summative assessment**</td>
<td>**Midterm Exam**</td>
<td>1hr</td>
<td>20% (20)</td>
<td>14</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Final Exam**</td>
<td>2hr</td>
<td>50% (50)</td>
<td>16</td>
<td>All Semester</td>
</tr>
<tr>
<td colspan="2">**Total assessment**</td>
<td colspan="2">100% (100 Marks)</td>
<td></td>
<td></td>
</tr>
</table>

Delivery Plan (Weekly Syllabus)
Planned weekly curriculum

week	المنهاج الاسبوعي المخطط
Week 1	The importance of the language, the Arabic language in particular, and methods of teaching the Arabic language subject
Week 2	its history, development, Arabic calligraphy, its types, stages of punctuation, and its ،Calligraphy development
Week 3	Spelling and handwriting/punctuation marks, writing (dha, dha) and distinguishing between them, .at the beginning of speech and the extremism the hamza
Week 4	The medium hamza, the open and bound ta', the alif of distinction
Week 5	triliteral verbs and nouns-The soft alif in triliteral verbs and nouns, the soft alif in non
Week 6	Hassan bin Thabit's poem ،Omar bin Kulthum's poem
Week 7	Rayb-The poem of Ka'b bin Zuhair, the poem of Malik bin Al
Week 8	Tai, Andalusian by Ahmed Shawqi-Malouh, the poem of Abu Tammam Al-The poem of Qais bin Al
Week 9	and its sisters Grammar/subject and predicate, kan and its sisters, ann
Week 10	Past tense, present tense, present tense, accusative and accusative
Week 11	The object, the muthanna
Week 12	Plural of the sound masculine and feminine, topic of issue Part 1, topic of issue part 2
Week 13	Kahf-Kahf, Part 2 of Surat Al-of Surat Al The Holy Qur'an/Part 1
Week 14	Kahf-Kahf, Part 2 of Surat Al-Part 3 of Surat Al
Week 15	Semester exam
Week 16	

Learning and Teaching Resources
مصادر التعلم

	Text	Available in the Library?
Required Texts		
Recommended Texts	The Easy Book in General Arabic Language for Non-Specialized Sections / Ziad Tarek Shouli	No
Websites	https://waqfeya.net/category.php?cid=6	
Websites	https://kenanaonline.com/users/mr-aladdin/posts/920453	

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.

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information		
معلومات المادة الدراسية		
Module Title	**Human rights, freedom and democracy**	**Module Delivery**
Module Type	B	☒ **Theory**
Module Code	STAT104	☒ **Lecture**
ECTS Credits	**2**	☐ **Lab**
		☐ **Tutorial**
SWL (hr/sem)	50	**Practical**
		☐**Seminar**

Module Level	First class	**Semester of Delivery**		1
Administering Department	**Statistics**	College	**Administration and economics**	
Module Leader	**M.M. Sanaa Tahir Hawaz**	e- mail	sana.taher@uobasrah.edu.iq	
Module Leader's Acad. Title	**Assistant teacher**	**Module Leader's Qualification**		
Module Tutor		**e-mail**		
Peer Reviewer Name	Name	**e-mail**	E-mail	
Scientific Committee Approval Date		**Version Number**	1.0	

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

Module Aims, Learning Outcomes and Indicative Contents
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Objectives أهداف المادة الدراسية	The course aims to: Provide the student with the necessary knowledge of the principles of human rights, freedom and democracy by receiving a series of theoretical concepts, which are: 1- Rooting the concept of human rights and its development throughout the ages and civilizations. 2- Identifying the treaties and agreements that have approved the recognition of human rights. 3- Explaining the generations of human rights and their forms. 4- Identifying the most important constitutional, judicial and political guarantees of human rights. 5- Rooting the concept of democracy and its development throughout history. 6- Explaining the characteristics, features and types of democracy
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	Theoretical subject for two hours per week, its vocabulary over the first course fifteen weeks, interspersed with monthly exams and exam.

Learning and Teaching Strategies
استراتيجيات التعليم والتعلم

Strategies	- Giving class lectures - Exercising students on case studies - Video clips - discussions

Student Workload (SWL)
الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا

Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب	32	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب اسبوعياً	2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	18	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب اسبوعيا	1
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل		50	

Module Evaluation تقييم المادة الدراسية					
		Time/Number	**Weight (Marks)**	**Week Due**	**Relevant Learning Outcome**
Formative assessment	**Quizzes**	1	10% (10)	4 and 8	During the semester
	Assignments	1	10% (10)	5 and 12	During the semester
	Report	1	10% (10)	10	During the semester
Summative assessment	**Midterm Exam**	1hr	20% (20)	14	During the semester
	Final Exam	2hr	50% (50)	16	All Semester
Total assessment			100% (100 Marks)		

week	Material Covered
Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي المخطط	
Week 1	Receiving students and introducing them to the subject's vocabulary, objectives, and procedures
Week 2	Introduction to the concept of human rights Definition of human rights Characteristics of human rights Types of human rights Human rights categories
Week 3	:Historical development of human rights (Human rights in the ancient civilization of Iraq (Mesopotamia civilization
Week 4	Human rights in ancient civilizations and Chinese civilization Indian (The Pharaonic civilization of Egypt (Nile Valley Civilization Greek civilization Roman civilization
Week 5	Human rights in heavenly laws Human rights in Judaism-1 Human rights in the Christian religion-2
Week 6	rights in Islam Human
Week 7	Monthly exam
Week 8	Human rights in Renaissance, modern and contemporary societies
Week 9	International human rights conventions
Week 10	international organizations defending human rights-Non
Week 11	Democracy of democracy Definition -1 racteristics and advantages of democracy Cha -2
Week 12	Types of democracy Pillars of the democratic system
Week 13	Freedom Definition of freedom -1 Types of freedoms-2
Week 14	Regulation of freedoms by public authority
Week 15	exam Chapter

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
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	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
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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

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MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information				
معلومات المادة الدراسية				
Module Title	اللغة الانكليزية		**Module Delivery**	
Module Type	Core		☒ Theory ☒ Lecture ☐ Lab ☐ Tutorial ☒ Practical ☐ Seminar	
Module Code	Stat109			
ECTS Credits	2			
SWL (hr/sem)	50			
Module Level	First class	**Semester of Delivery**		2
Administering Department	statistic	**College**	Administration and Economics	
Module Leader		**e-mail**		
Module Leader's Acad. Title	Lecture	**Module Leader's Qualification**		.
Module Tutor		**e-mail**		
Peer Reviewer Name	Name	**e-mail**	E-mail	
Scientific Committee Approval Date	8-8-2024	**Version Number**	1.0	

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

Module Aims, Learning Outcomes and Indicative Contents
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Objectives أهداف المادة الدراسية	- Identify the rules of the English language. - Learn the conversation skills in English. - Identify translation skills in English. -Identify writing skills in the English language. -Identify reading skills in the English language
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	.1- Learn about pronoun concepts. 2. Identify auxiliary verbs in English. 3. Learn about the rules of verbs in the English language. 4. Identify the parts of speech in the English language. 5. Learn about the concepts of noun and adjective grammar. 6. Recognizing prepositions in the English language. 7. To increase the student's knowledge of additional rules in the English language. 8. To enable the student to distinguish irregular irregular verbs from regular verbs.
Indicative Contents المحتويات الإرشادية	Indicative content includes the following. – -How to give lectures -Student Groups -Workshops -Reports and Studies -Case studies and -Discussion

Learning and Teaching Strategies
استراتيجيات التعليم والتعلم

Strategies	. Teaching strategies are teaching methods and techniques that will select and deploy to support students through the learning process and teaching strategy most suitable for the topic being studied, the level of expertise of the learner, and the stage in their learning journey.

Student Workload (SWL)			
الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب	47	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب اسبوعياً	3
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	3	Unstructured SWL (h/w) الحمل الدراسي غير المنتظ للطالب اسبوعيا	0.5
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	50		

Module Evaluation				
تقييم المادة الدراسية				
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	1	10% (10)	4 and 8	During the semester
	Assignments	1	10% (10)	5 and 12	During the semester
	Report	1	10% (10)	10	During the semester
Summative assessment	Midterm Exam	1hr	20% (20)	14	During the semester
	Final Exam	2hr	50% (50)	16	All Semester
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)
المنهاج الاسبوعي المخطط

	Material Covered
Week 1	Basics of the English language : English concepts
Week 2	English pronouns
Week 3	Verb rules
Week 4	Section of speach
Week 5	Rules for nonus – rules for adjective
Week 6	Write the official email
Week 7	Conversation skills
Week 8	Sections of speech
Week 9	Conversation skills
Week 10	English conjunctions
Week 11	English Prepositions
Week 12	Negation rule
Week 13	Question composition
Week 14	Irregular verbs
Week 15	Article Translation+ Solving exercises
Week 16	**Final exam**

Learning and Teaching Resources
مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	Headway student book 1: Headway exercise book 1. Headway student book2: Headway exercise book2. Headway student book 3: Headway exercise book3. Headway student book 4: Headway exercise book 4	Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		
Recommended Texts	NEW ENGLISH FILE BOOK ENGLISH FOR MANAGEMENT.	no
Websites	Websites specialized in the English language	Yes
Websites		Yes

Grading Scheme
مخطط الدرجات

Group	Grade	التقدير	Marks %	Definition
Success Group (50 - 100)	**A** - Excellent	امتياز	90 - 100	Outstanding Performance
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MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

<table>
<tr><td colspan="4" align="center">Module Information
معلومات المادة الدراسية</td></tr>
<tr><td>Module Title</td><td align="center">Accounting principles</td><td colspan="2">Module Delivery</td></tr>
<tr><td>Module Type</td><td align="center">S</td><td colspan="2" rowspan="4">☒ Theory
☒ Lecture
☐ Lab
☐ Tutorial
☒ Practical
☐ Seminar</td></tr>
<tr><td>Module Code</td><td align="center">STAT 110</td></tr>
<tr><td>ECTS Credits</td><td align="center">5</td></tr>
<tr><td>SWL (hr/sem)</td><td align="center">1 25</td></tr>
<tr><td>Module Level</td><td align="center">The first stage</td><td>Semester of Delivery</td><td>2</td></tr>
<tr><td>Administering Department</td><td align="center">Statistics</td><td>College</td><td>Administration and Economics</td></tr>
<tr><td>Module Leader</td><td></td><td>e-mail</td><td></td></tr>
<tr><td>Module Leader's Acad. Title</td><td></td><td colspan="2">Module Leader's Qualification</td></tr>
<tr><td>Module Tutor</td><td></td><td>e-mail</td><td></td></tr>
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<table>
<tr><td colspan="4" align="center">Relation with other Modules

العلاقة مع المواد الدراسية الأخرى</td></tr>
<tr><td>Prerequisite module</td><td>None</td><td>Semester</td><td>None</td></tr>
<tr><td>Co-requisites module</td><td>None</td><td>Semester</td><td>None</td></tr>
</table>

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Objectives أهداف المادة الدراسية	- Providing students with the basics of accounting in companies and departments - Teaching students how to prepare accounting budgets
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	The graduate will have knowledgeable experience in accounting and its applications, supported by statistical methods and information
Indicative Contents المحتويات الإرشادية	

Learning and Teaching Strategies	
ستراتيجيات التعليم والتعلم	
Strategies	- Giving class lectures - Exercising students on case studies - Video clips - discussions

<table>
<tr><td colspan="4" align="center">**Student Workload (SWL)**
الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا</td></tr>
<tr>
<td>**Structured SWL (h/sem)**
الحمل الدراسي المنتظم للطالب</td>
<td>62</td>
<td>**Structured SWL (h/w)**
الحمل الدراسي المنتظم للطالب اسبوعياً</td>
<td>4</td>
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<tr>
<td>**Unstructured SWL (h/sem)**
الحمل الدراسي غير المنتظم للطالب خلال الفصل</td>
<td>63</td>
<td>**Unstructured SWL (h/w)**
الحمل الدراسي غير المنتظ للطالب اسبوعيا</td>
<td>5</td>
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الحمل الدراسي الكلي للطالب خلال الفصل</td>
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<table>
<tr><td colspan="6" align="center">**Module Evaluation**
تقييم المادة الدراسية</td></tr>
<tr>
<td></td>
<td></td>
<td>**Time/Number**</td>
<td>**Weight (Marks)**</td>
<td>**Week Due**</td>
<td>**Relevant Learning Outcome**</td>
</tr>
<tr>
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<td>1</td>
<td>10% (10)</td>
<td>4 and 8</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Assignments**</td>
<td>1</td>
<td>10% (10)</td>
<td>5 and 12</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Report**</td>
<td>1</td>
<td>10% (10)</td>
<td>10</td>
<td>During the semester</td>
</tr>
<tr>
<td rowspan="2">**Summative assessment**</td>
<td>**Midterm Exam**</td>
<td>1hr</td>
<td>20% (20)</td>
<td>14</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Final Exam**</td>
<td>2hr</td>
<td>50% (50)</td>
<td>16</td>
<td>All Semester</td>
</tr>
<tr>
<td colspan="2">**Total assessment**</td>
<td colspan="2">100% (100 Marks)</td>
<td></td>
<td></td>
</tr>
</table>

Delivery Plan (Weekly Syllabus)	
Planned weekly curriculum	
completion Study subjects planned for	week
Introduction to accounting	Week 1
Recording of operations	Week 2
Recording of operations	Week 3
Recording of operations	Week 4
Capital operations	Week 5
Capital operations	Week 6
Capital operations	Week 7
Merchandise operations	Week 8
Merchandise operations	Week 9
Merchandise operations	Week 10
Commercial papers	Week 11
Commercial papers	Week 12
Trial balance and final accounts	Week 13
Trial balance and final accounts	Week 14
Semester exam	Week 15
	Week 16

Learning and Teaching Resources		
And teaching Learning sources		
	Text	Available in the Library?
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		
Recommended Texts		
Websites		Yes
Websites		Yes

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.

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية			
عنوان الوحدة الدراسية	Differentiation		Module Delivery
نوع الوحدة الدراسية	C		☒ **نظري**
رمز الوحدة الدراسية	Stat102		☒ **محاضرة**
عدد الوحدات	8		☐ **مختبر**
العبء الدراسي (ساعة/ فصل دراسي)	200		☐ **درس تعليمي** ☒ **درس تطبيقي** ☐**مناقشة**
مستوى الوحدة الدراسية	The first stage	الفصل الدراسي	1
القسم العلمي	Statistics Department	الجامعة	Administration and economics
استاذ المادة	Wafaa Abdulsamad Ashour	e-mail	Wafaa.ashoor@uobasrah.edu.iq
اللقب العلمي	assistant professor	شهادة مسؤول الوحدة الدراسية	Master's
الاستاذ المساند	No one	e-mail	
اسم المقيم	Name	e-mail	E-mail
تاريخ الموافقة للجنة العلمية	8-8-2024	Version Number	1

Relation with other Modules العلاقة مع المواد الدراسية الأخرى			
المادة الدراسية السابقة	Nothing	الفصل الدراسي	لا يوجد
المادة الدراسية المترکة	لا يوجد	الفصل الدراسي	لا يوجد

Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
1- Informing students about the importance of differentiation at all academic levels and its relationship with other sciences that the student studies. 2- Expanding the student's skill in differentiating all functions that the student can benefit from in other stages. 3- Developing students' abilities to participate in solving and deriving all mathematical functions 4- Introducing the student to the importance of mathematics in scientific progress	**Module Objectives** أهداف المادة الدراسية
1- The student learns about sound thinking methods, such as mathematical and creative thinking 2- The student learns about the areas of use of mathematics and its applications in the information age 3- The student learns about sports communication skills 4- It prepares the student for mathematical statistics 5- Preparing the student to understand derivation methods for statistical inference	**Module Learning Outcomes** مخرجات التعلم للمادة الدراسية
Some common topics that can be covered in differentiation include: 1- Study mathematical concepts such as limits and derivatives 2- Study the shapes and sizes of some functions 3- Providing the student with a comprehensive understanding of mathematical	**Indicative Contents** المحتويات الإرشادية

concepts and their applications in various fields of study

4- Use derivatives to draw a graph

Learning and Teaching Strategies	
استراتيجيات التعليم والتعلم	
- Explaining the scientific material through printed and video theoretical lectures. 2- Involving students in solving all the problems raised during lectures 3- Linking the current lecture with previous lectures to remind students of previous lectures	**Strategies** استراتيجية التعليم

Student Workload (SWL)			
الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب	77	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب اسبوعياً	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	123	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظ للطالب اسبوعيا	8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	**200**		

نتائج التعليم ذات الصلة	الاسبوع المستحق لاجراء الامتحان	الوزن (الدرجة)	الزمن		Module Evaluation تقييم المادة الدراسية
خلال الفصل الدراسي	4 and 8	10% (10)	1	الامتحان اليومي	**Formative assessment**
خلال الفصل الدراسي	5 and 12	10% (10)	1	الواجبات	
خلال الفصل الدراسي	10	10% (10)	1	التقارير	
خلال الفصل الدراسي	14	20% (20)	1hr	امتحان نصف السنة	**Summative assessment**
جميع مفردات الفصل الدراسي	16	50% (50)	2hr	الامتحان النهائي	
		100% (100 Marks)			**Total assessment**

Delivery Plan (Weekly Syllabus)	
المنهاج الاسبوعي المخطط	
المواد الدراسية المخطط إنجازها	الاسبوع
Basic concepts (function and its types, intervals and their types)	الاسبوع 1
The domain, range, and graph of functions	الاسبوع 2
The Limit and its theorem	الاسبوع 3
The derivative of the function by definition	الاسبوع 4
Chain rule and Derivation rules	الاسبوع 5
Implicit function	الاسبوع 6
Derivatives of higher orders	الاسبوع 7
Derivative of trigonometric functions	الاسبوع 8
Derivative of inverse trigonometric functions	الاسبوع 9
The derivative of the exponential function and the general exponential	الاسبوع 10
Derivative of hyperbolic functions	الاسبوع 11
Derivative of inverse hyperbolic functions	الاسبوع 12
Applications of derivatives	الاسبوع 13
Functions of two or more variables	الاسبوع 14
Partial derivatives	الاسبوع 15
Final exam	الاسبوع 16

<table>
<tr><td colspan="3" align="center">Learning and Teaching Resources
مصادر التعلم والتدريس</td></tr>
</table>

	Text	Available in the Library?
Required Texts	Principles of calculus / Thomas	Yes
Required Texts	Schaum series in calculus	Yes
Required Texts	Differentiation and integration / Dr. Ali Aziz Ali	Yes
Required Texts	caculus	Yes
Required Texts		
Recommended Texts		
Websites	Calculus and Integration / Professor Abdul Salam Muhammad Ali / 2015-2016	Yes
Websites		Yes

<table>
<tr><td colspan="5" align="center">Grading Scheme
مخطط الدرجات</td></tr>
</table>

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

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MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information
معلومات المادة الدراسية

		Module Delivery	
Module Title	Integration		
Module Type	B	☒ **Theory**	
Module Code	Stat108	☒ **Lecture**	
		☐ **Lab**	
ECTS Credits	8	☐ **Tutorial**	
SWL (hr/sem)	200	☒ **Practical**	
		☐ **Seminar**	

Module Level	First class	**Semester of Delivery**	2
Administering Department	Department Statistics	**College**	Administration and economics
Module Leader	Wafa Abdel Samad Ashour	e- mail	Wafaa.ashoor@uobasrah
Module Leader's Acad. Title	assistant professor	**Module Leader's Qualification**	master
Module Tutor	nothing	**e-mail**	
Peer Reviewer Name	Name	**e-mail**	E-mail
Scientific Committee Approval Date	8-8-2024	**Version Number**	1.0

Relation with other Modules
العلاقة مع المواد الدراسية الأخرى

Prerequisite module	None	**Semester**	None
Co-requisites module	None	**Semester**	None

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Objectives أهداف المادة الدراسية	1- Providing the student with experience in using integration 2- Introducing the student to the types of integrals 3- function Introducing the student to the types of integrals according to the type of 4- Utilizing differentiation in integrals
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1- Creating a strong foundation for the student in the subject of integration 2- Providing the student with experience in solving various integrals 3- Providing the student with experience in choosing the appropriate integration according to functions
Indicative Contents المحتويات الإرشادية	1- Increase the student's knowledge in linking the type of functions and the integration appropriate type of 2- The student gains experience in finding spaces for some shapes 3- Providing the student with experience in finding different sizes 4-

Learning and Teaching Strategies	
استراتيجيات التعليم و التعلم	
Strategies	1- . printed and video theoretical lectures Explaining the scientific material through during lectures Involving students in solving all the problems raised 2- previous lectures students of To remind the current lecture with previous lectures Link 3-

<table>
<tr><td colspan="4" align="center">**Student Workload (SWL)**</td></tr>
<tr><td colspan="4" align="center">الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا</td></tr>
<tr>
<td>**Structured SWL (h/sem)**
الحمل الدراسي المنتظم للطالب</td>
<td>62</td>
<td>**Structured SWL (h/w)**
الحمل الدراسي المنتظم للطالب اسبوعياً</td>
<td>4</td>
</tr>
<tr>
<td>**Unstructured SWL (h/sem)**
الحمل الدراسي غير المنتظم للطالب خلال الفصل</td>
<td>138</td>
<td>**Unstructured SWL (h/w)**
الحمل الدراسي غير المنتظ للطالب اسبوعيا</td>
<td>9</td>
</tr>
<tr>
<td>**Total SWL (h/sem)**
الحمل الدراسي الكلي للطالب خلال الفصل</td>
<td colspan="3" align="center">**200**</td>
</tr>
</table>

<table>
<tr><td colspan="6" align="center">**Module Evaluation**</td></tr>
<tr><td colspan="6" align="center">تقييم المادة الدراسية</td></tr>
<tr>
<td></td>
<td></td>
<td>**Time/Number**</td>
<td>**Weight (Marks)**</td>
<td>**Week Due**</td>
<td>**Relevant Learning Outcome**</td>
</tr>
<tr>
<td rowspan="3">**Formative assessment**</td>
<td>**Quizzes**</td>
<td>1</td>
<td>10% (10)</td>
<td>4 and 8</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Assignments**</td>
<td>1</td>
<td>10% (10)</td>
<td>5 and 12</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Report**</td>
<td>1</td>
<td>10% (10)</td>
<td>10</td>
<td>During the semester</td>
</tr>
<tr>
<td rowspan="2">**Summative assessment**</td>
<td>**Midterm Exam**</td>
<td>1hr</td>
<td>20% (20)</td>
<td>14</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Final Exam**</td>
<td>2hr</td>
<td>50% (50)</td>
<td>16</td>
<td>All Semester</td>
</tr>
<tr>
<td colspan="2">**Total assessment**</td>
<td></td>
<td>100% (100 Marks)</td>
<td></td>
<td></td>
</tr>
</table>

Delivery Plan (Weekly Syllabus)	
المنهاج الاسبوعي المخطط	
week	Material Covered
Week 1	Integration properties
Week 2	Integration of rational functions
Week 3	Integration of polynomial functions
Week 4	Integration of trigonometric functions
Week 5	Integration of inverse trigonometric functions
Week 6	hyperbolic functions Integration of
Week 7	Retail integration
Week 8	Integration by division of fractions
Week 9	Triangle compensation
Week 10	Integration of functions containing roots
Week 11	Integration and multiplication of trigonometric functions
12 Week	Definite integral
Week 13	Space
Week 14	Size
Week 15	Multiple integration
Week 16	Final exam

Learning and Teaching Resources		
And teaching Learning sources		
	Text	Available in the Library?
Required Texts	Calculus Dr. Ali Aziz Ali	Yes
Required Texts	Schaum series in calculus	Yes
Required Texts	Calculus / Thomas	Yes
Required Texts	Calculus	Yes
Required Texts		
Recommended Texts		
Websites	Differentiation and Integration / Abdul Salam Muhammad Ali	Yes
Websites		Yes

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
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MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information				
معلومات المادة الدراسية				
Module Title	Basics of computer science		**Module Delivery**	
Module Type	B		☒ **Theory** ☒ **Lecture** ☐ **Lab** ☐ **Tutorial** ☒ **Practical** ☐ **Seminar**	
Module Code	STAT103			
ECTS Credits	3			
SWL (hr/sem)	75			
Module Level	The first stage	**Semester of Delivery**		1
Administering Department	Statistics	**College**	Administration and Economics	
Module Leader	M. Zainab Sabeeh Juma	**e-mail**		
Module Leader's Acad. Title	Teacher	**Module Leader's Qualification**		master
Module Tutor		**e-mail**		
Peer Reviewer Name	Name	**e-mail**	E-mail	
Scientific Committee Approval Date	8-8-2024	**Version Number**	1.0	

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

Module Aims, Learning Outcomes and Indicative Contents
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Objectives أهداف المادة الدراسية	- Introducing students to the components of a computer - Teaching students the basics of Office programs
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	A graduate with knowledge of electronic calculators and how to work on Office programs
Indicative Contents المحتويات الإرشادية	

Learning and Teaching Strategies
ستراتيجيات التعليم والتعلم

Strategies	- Giving class lectures - students on case studies Exercising - Video clips - Practical examples in the laboratory - discussions

<table>
<tr><td colspan="4">Student Workload (SWL)</td></tr>
<tr><td colspan="4">A week 15 For calculated The student's academic studies Pregnancy</td></tr>
<tr><td>Structured SWL (h/sem)
الحمل الدراسي المنتظم للطالب</td><td>47</td><td>Structured SWL (h/w)
الحمل الدراسي المنتظم للطالب اسبوعياً</td><td>3</td></tr>
<tr><td>Unstructured SWL (h/sem)
الحمل الدراسي غير المنتظم للطالب خلال الفصل</td><td>28</td><td>Unstructured SWL (h/w)
الحمل الدراسي غير المنتظ للطالب اسبوعيا</td><td>1.5</td></tr>
<tr><td>Total SWL (h/sem)
الحمل الدراسي الكلي للطالب خلال الفصل</td><td colspan="3">75</td></tr>
</table>

<table>
<tr><td colspan="6">Module Evaluation
تقييم المادة الدراسية</td></tr>
<tr><td></td><td></td><td>Time/Number</td><td>Weight (Marks)</td><td>Week Due</td><td>Relevant Learning Outcome</td></tr>
<tr><td rowspan="3">Formative assessment</td><td>Quizzes</td><td>1</td><td>10% (10)</td><td>4 and 8</td><td>During the semester</td></tr>
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<tr><td>Final Exam</td><td>2hr</td><td>50% (50)</td><td>16</td><td>All Semester</td></tr>
<tr><td colspan="2">Total assessment</td><td colspan="2">100% (100 Marks)</td><td></td><td></td></tr>
</table>

Delivery Plan (Weekly Syllabus)	
Planned weekly curriculum	
subjects planned for completion Study	week
Basic components of a computer	Week 1
Excel program/introduction to programming	Week 2
Bars, program menus and charts	Week 3
Statistical applications	Week 4
Microsoft word main interface /	Week 5
Window control	Week 6
Enter text	Week 7
Enter symbols and special characters	Week 8
Entering tables	Week 9
Enter fees	Week 10
Microsoft Power point main interface /	Week 11
Start making offers	Week 12
Add and delete slides	Week 13
slides /final presentation Organizing and controlling	Week 14
First semester exam	Week 15
	Week 16

Learning and Teaching Resources		
And teaching Learning sources		
	Text	Available in the Library?
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		
Recommended Texts		
Websites		Yes
Websites		Yes

Grading Scheme مخطط الدرجات				
Group	**Grade**	التقدير	**Marks %**	**Definition**
Success Group (50 - 100)	**A** - Excellent	امتياز	90 - 100	Outstanding Performance
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MODULE DESCRIPTION FORM

وصف المادة الدراسية

Module Information		
معلومات المادة الدراسية		
Module Title	**Principles of economics**	Module Delivery
Module Type	S	☒ **Theory**
Module Code	Stat 105	☒ **Lecture**
ECTS Credits	5	☐ **Lab** ☐ **Tutorial**
SWL (hr/sem)	125	☒ **Practical** ☐**Seminar**

Module Level	**The first stage**	**Semester of Delivery**	1
Administering Department	**Statistics**	**College**	Administration and Economics
Module Leader		**e-mail**	ahmed.albasrai@uobasrah.edu.iq
Module Leader's Acad. Title	**assistant professor**	**Module Leader's Qualification**	Ph.D.
Module Tutor		**e-mail**	
Peer Reviewer Name	Name	**e-mail**	E-mail
Scientific Committee Approval Date	8-8-2024	**Version Number**	1.0

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

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Objectives أهداف المادة الدراسية	**1-** Providing the learner with statistical skills that enable him to prepare financial studies and reports that simulate financial markets by adopting statistical methods and indicators. **2-** The statistics subject aims to develop methods and means of thinking and how to deal with financial problems and find appropriate solutions that enable him to make the appropriate decision. **3-** Empowering the learner through thinking and training in dealing with financial problems using statistical methods
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Understand the fundamental concepts and principles of statistics, including data types, measurement scales, and sampling methods. 2. Interpret and analyze data using descriptive statistical measures, such as measures of central tendency (mean, median, mode) and measures of variability (range, variance, standard deviation). 3. Apply appropriate statistical techniques for analyzing relationships between variables, including correlation analysis and simple linear regression. 4. Understand and interpret the results of statistical software output and graphical representations. 5. Communicate statistical findings and interpretations effectively, both orally and in written form. 6. Develop critical thinking and Financial problem-solving skills in the context of statistical analysis and interpretation.
Indicative Contents المحتويات الإرشادية	Part A - Concepts and Fundamentals of Economics - Definitions of Economics, Theoretical and Conceptual Foundation of Economic Theories, Theory of Demand and Factors Affecting Demand, Definition of Elasticity and Factors Affecting Elasticity, Methods of Calculating Elasticity, Degrees of Elasticity, Drawing Elasticity Curves. [15 Hours] Supply Theory, Factors Affecting Supply, Elasticity of Supply, Methods of Calculating Elasticity of Supply, Types of Elasticity of Supply, Drawing Elasticity Curves. [15 Hours] Equilibrium between Supply and Demand in the Market, Equilibrium in the Market, Transition of the State of Demand and Supply Curves, Drawing Equilibrium States in the Partial Market. [10 Hours] Demand Theories, Marginal Utility Theory, Equilibrium in Marginal Utility Theory, Indifference Curve Theories, Equilibrium in Indifference Curve Theory [15 Hours] Review Chapters [6 Hours] Part B - Markets, Market Structures, Market Characteristics, Types of Markets, Perfectly Competitive Market, Perfectly Monopolistic Market, Monopolistic Competition Market, Oligopoly Market, Equilibrium in Markets. [15 hours] National accounts, national income, concepts of national income in economic thought, methods of calculating national income, national income and gross national product. [7 hours] Money theory, money in economic thought, monetary systems, types of money. [15 hours] The concept of economic growth, economic growth in economic thought, economic development, the concept of economic development in economic thought, theories explaining growth and economic development. [15 hours]

Learning and Teaching Strategies	
استراتيجيات التعليم والتعلم	
Strategies	Several methods are used to deliver the scientific material to the recipient through questions, discussion, and brainstorming, and using many means of clarification, such as using the board and displaying on the screen, and adopting the writing of scientific reports. Students are involved in presenting scientific topics by giving lectures to students and opening the door to discussion, and adopting several methods to test students' skills, including written tests and oral tests

Student Workload (SWL)			
A week 15 For calculated The student's academic studies Pregnancy			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب	62	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب اسبوعياً	4
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	63	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظ للطالب اسبوعيا	4
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	**125**		

Module Evaluation				
تقييم المادة الدراسية				
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	**Quizzes**	1	10% (10)	4 and 8	During the semester
	Assignments	1	10% (10)	5 and 12	During the semester
	Report	1	10% (10)	10	During the semester
Summative assessment	**Midterm Exam**	1hr	20% (20)	14	During the semester
	Final Exam	2hr	50% (50)	16	All Semester
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)
Planned weekly curriculum

Study subjects planned for completion	week
Introduction to conomic	Week 1
And the economic problem	Week 2
Supply and demand theory	Week 3
Supply and demand theory	Week 4
Production theory	Week 5
Production theory	Week 6
Production theory	Week 7
Utility theory	Week 8
Utility theory	Week 9
Utility theory	Week 10
Theory of costs and markets	Week 11
Theory of costs and markets	Week 12
Macroeconomics	Week 13
Macroeconomics	Week 14
Macroeconomics	Week 15
Final exam	Week 16

Learning and Teaching Resources
مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	Fundamentals of Economics, Dr. Nabil Jaafar Abdul Redha: Dr. Adnan Farhan Al-Jawrani	Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		Yes
Required Texts		
Recommended Texts		
Websites		Yes
Websites		Yes

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.

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

<table>
<tr><td colspan="4" align="center">Module Information
معلومات المادة الدراسية</td></tr>
<tr><td>Module Title</td><td colspan="2" align="center">Principles of statistics</td><td>Module Delivery</td></tr>
<tr><td>Module Type</td><td colspan="2" align="center">C</td><td rowspan="4">☒ theoretical
☒ a lecture
☐ laboratory
☐ Tutorial
☒ Practical lesson
☐ discussion</td></tr>
<tr><td>Module Code</td><td colspan="2" align="center">Stat101</td></tr>
<tr><td>ECTS Credits</td><td colspan="2" align="center">10</td></tr>
<tr><td>SWL (hr/sem)</td><td colspan="2" align="center">250</td></tr>
<tr><td>Module Level</td><td align="center">First class</td><td>Classroom</td><td>1</td></tr>
<tr><td>Administering Department</td><td align="center">Statistics</td><td>College</td><td>Administration and Economics</td></tr>
<tr><td>Module Leader</td><td>Shaima Q. Mohasin</td><td>e-mail</td><td></td></tr>
<tr><td>Module Leader's Acad. Title</td><td>Ass. Lecture</td><td>Module Leader's Qualification</td><td>master</td></tr>
<tr><td>Module Tutor</td><td></td><td>e-mail</td><td></td></tr>
<tr><td>Peer Reviewer Name</td><td>Name</td><td>e-mail</td><td>E-mail</td></tr>
<tr><td>Scientific Committee Approval Date</td><td></td><td>Version Number</td><td>1.0</td></tr>
</table>

<table>
<tr><td colspan="4" align="center">Relation with other Modules
العلاقة مع المواد الدراسية الأخرى r</td></tr>
<tr><td>Prerequisite module</td><td>None</td><td>Semester</td><td>None</td></tr>
<tr><td>Co-requisites module</td><td>None</td><td>Semester</td><td>None</td></tr>
</table>

Module Aims, Learning Outcomes and Indicative Contents

Module Objectives أهداف المادة الدراسية	1- Providing the learner with statistical skills that enable him adopting statistical studies and reports by to prepare statistical methods and indicators. 2- The statistics subject aims to develop methods and means of and find ، statistical problems thinking, how to deal with appropriate solutions that enable one to make the appropriate decision.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Understand the basic concepts and principles of statistics, including data types, measurement scales, and sampling methods. 2. Interpreting and analyzing data using descriptive statistical measures, such as measures of central tendency (mean, median, mode) 3. ply appropriate statistical techniques to analyze relationships Ap between variables 4. Understanding and interpreting statistical software output results and graphical representations.
Indicative Contents المحتويات الإرشادية	1. the basics of statistics and its Empowering cognitive skills for application areas. 2. Introducing the student to the methods of collecting data and methods of tabulating and classifying it. 3. Introducing the student to tabular presentation methods And information necessary for analysis graphical data to obtain the and making appropriate decisions. 4. Developing the student's skills to reach a level that possesses in a manner statistical data the ability to analyze and interpret consistent with reality.

Learning and Teaching Strategies
استراتيجيات التعليم والتعلم

Strategies	The main strategy followed in preparing this unit is to encourage students to develop their skills by learning about statistical methods and natural and abnormal phenomena and approaches in analyzing preparing reports on scientific foundations, through classrooms and interactive lessons, and looking at types of simple experiments that include some taking activities. Samples that are of interest to students in their field of specialization.

<table>
<tr><td colspan="4" align="center">**Student Workload (SWL)**</td></tr>
<tr><td colspan="4" align="center">الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا</td></tr>
<tr>
<td>**Structured SWL (h/sem)**
الحمل الدراسي المنتظم للطالب</td>
<td align="center">92</td>
<td>**Structured SWL (h/w)**
الحمل الدراسي المنتظم للطالب اسبوعياً</td>
<td align="center">6</td>
</tr>
<tr>
<td>**Unstructured SWL (h/sem)**
الحمل الدراسي غير المنتظم للطالب خلال الفصل</td>
<td align="center">158</td>
<td>**Unstructured SWL (h/w)**
الحمل الدراسي غير المنتظ للطالب اسبوعيا</td>
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</tr>
<tr>
<td>**Total SWL (h/sem)**
الحمل الدراسي الكلي للطالب خلال الفصل</td>
<td colspan="3" align="center">**250**</td>
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<table>
<tr><td colspan="6" align="center">**Module Evaluation**</td></tr>
<tr><td colspan="6" align="center">تقييم المادة الدراسية</td></tr>
<tr>
<td></td>
<td></td>
<td>**Time/Number**</td>
<td>**Weight (Marks)**</td>
<td>**Week Due**</td>
<td>**Relevant Learning Outcome**</td>
</tr>
<tr>
<td rowspan="3">**Formative assessment**</td>
<td>**Quizzes**</td>
<td align="center">1</td>
<td align="center">10% (10)</td>
<td align="center">4 and 8</td>
<td>During the semester</td>
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<tr>
<td>**Assignments**</td>
<td align="center">1</td>
<td align="center">10% (10)</td>
<td align="center">5 and 12</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Report**</td>
<td align="center">1</td>
<td align="center">10% (10)</td>
<td align="center">10</td>
<td>During the semester</td>
</tr>
<tr>
<td rowspan="2">**Summative assessment**</td>
<td>**Midterm Exam**</td>
<td align="center">1hr</td>
<td align="center">20% (20)</td>
<td align="center">14</td>
<td>During the semester</td>
</tr>
<tr>
<td>**Final Exam**</td>
<td align="center">2hr</td>
<td align="center">50% (50)</td>
<td align="center">16</td>
<td>All Semester</td>
</tr>
<tr>
<td colspan="2">**Total assessment**</td>
<td colspan="2" align="center">100% (100 Marks)</td>
<td></td>
<td></td>
</tr>
</table>

Delivery Plan (Weekly Syllabus)	
Planned weekly curriculum	
Material Covered	**week**
Definition and importance of statistics	**Week 1**
A historical overview of the development of the concept of statistics, its types and areas of application	**Week 2**
Data types and methods of collection	**Week 3**
Types of statistical sampling and all sampling methods	**Week 4**
Sample method Common errors in data collection	**Week 5**
Classification and tabulation of data	**Week 6**
(Tabular display of data (frequency distribution	**Week 7**
(Geometric display (graphs, statistical circle , statistical rectangle	**Week 8**
ral tendency for classified datMeasures of cent Arithmetic mean	**Week 9**
ungrouped data Measures of central tendency for Arithmetic mean	**Week 10**
Measures of central tendency Weighted arithmetic mean, harmonic mean	**Week 1 1**
Measures of central tendency Square mean, geometric mean	**Week 12**
Measures of central tendency for classified data The mode, the mediator	**Week 13**
Measures of central tendency for ungrouped data The mode, the mediator	**Week 14**
The relationship between measures of central tendency	**Week 15**
week before the final exam	**Week 16**

Learning and Teaching Resources		
And teaching Learning sources		
	Text	**Available in the Library?**
Required Texts	The Book of Principles of Statistics by Dr.Khashi Al Raw	Yes
Recommended Texts	The Book of Principles of Statistics by Dr.Khashi Al Raw	Yes
Websites	Principles of statistical methods ،Dr. Abdel Aziz Fahmy Heikal	Yes

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

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MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	**Principles of statistics**	Module Delivery	
Module Type	C	☒ **theoretical** ☒ **a lecture** ☐**laboratory** ☐ **Tutorial** ☒**Practical lesson** ☐**discussion**	
Module Code	STAT 101		
ECTS Credits	10		
SWL (hr/sem)	250		
Module Level	Frist Class	**Semester of Delivery**	2
Administering Department	Statistic	**College**	Administration and Economics
Module Leader		**e-mail**	
Module Leader's Acad. Title	Lecture	**Module Leader's Qualification**	Ph.D.
Module Tutor		**e-mail**	
Peer Reviewer Name	Name	**e-mail**	E-mail
Scientific Committee Approval Date	8-8-2024	**Version Number**	1.0

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

Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Objectives أهداف المادة الدراسية	1- Providing the learner with statistical skills that enable him adopting statistical studies and reports by to prepare statistical methods and indicators. 2- The statistics subject aims to develop methods and means of statistical prob، lems and find statistical prob thinking, how to deal with appropriate solutions that enable one to make the appropriate decision.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Understand the basic concepts and principles of statistics, including data types، measurement scales, and sampling methods. 2. of dispersion Interpretation and analysis of data using measures 3. Apply appropriate statistical techniques to analyze relationships between variables, including correlation analysis and simple linear regression. 4. Understanding and interpreting statistical software output results and graphical representations.
Indicative Contents المحتويات الإرشادية	1. Empowering cognitive skills for the basics of statistics and its application areas. 2. Introducing the student to the methods of collecting data and methods of tabulating and classifying it. 3. Introducing the student to methods of tabular and graphical display of data to obtain the information necessary for analysis and making appropriate decisions. 4. Developing the student's skills to reach a level that possesses the ability to analyze and interpret statistical data in a manner consistent with reality.

Learning and Teaching Strategies استراتيجيات التعليم والتعلم s	
Strategies	The main strategy followed in preparing this unit is to encourage students to develop their skills by learning about statistical methods and natural and abnormal phenomena and approaches in analyzing preparing reports on scientific foundations, through classrooms and interactive lessons, and looking at types of simple experiments that include some taking activities. Samples that are of interest to students in their field of specialization.

Student Workload (SWL)				
الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعا				
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب	92	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب اسبوعياً		4
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	158	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظ للطالب اسبوعيا		10.5
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	**250**			
Module Evaluation				
تقييم المادة الدراسية				
Formative assessment	**Formative assessment**	**Formative assessment**	**Formative assessment**	**Formative assessment**
	Duties		10% (10)	During the semester
	Reports		10% (10)	During the semester
Summative assessment	**Summative assessment**	**Summative assessment**	**Summative assessment**	**Summative assessment**
	Final exam		50% (50)	All classroom vocabulary
Total assessment		**Total assessment**	**Total assessment**	**Total assessment**

Delivery Plan (Weekly Syllabus)
Planned weekly curriculum

week	Material Covered
Week 1	Definition and importance of statistics
Week 2	A historical overview of the development of the concept of statistics, its types and areas of application
Week 3	Data types and methods of collection
Week 4	Types of statistical sampling and all sampling methods
Week 5	Frequency distributions (importance and types)
Week 6	Presentation of data Frequency distribution (Tabular presentation)
Week 7	Graphical display of data, bar graphs, statistical circle, graph line and statistical rectangle.
Week 8	Measures of Central tendency for ungrouped data
Week 9	Measures of Central tendency for grouped data
Week 10	Properties of central tendency measures
Week 11	Measures of dispersion (variation) for ungrouped data Measures of dispersion (variation) grouped data
12 Week	Properties of dispersion measurements
Week 13	Pearson and spearman correlation
Week 14	Simple Regression Analysis
Week 15	Preparatory week before the final Exam
Week 16	**Preparatory week before the final Exam**

Learning and Teaching Resources
And teaching Learning sources

	Text	Available in the Library?
Required Texts	The Book of Principles of Statistics by Dr.Khashi Al Raw	Yes
Recommended Texts	The Book of Principles of Statistics by Dr.Khashi Al Raw	Yes
Websites	Principles of statistical methods ،Dr. Abdel Aziz Fahmy Heikal	Yes

Grading Scheme				
Grades a plan				
Group	Grade	التقدير	Marks %	Definition
Success Group (50 - 100)	**A – Excellent**	امتياز	90 - 100	Outstanding Performance
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