Course Syllabus

1	**Course title**	Research Methods in Finance	
2	**Course number**	1603301	
3	**Credit hours**	3 Hours	
	Contact hours (theory, practical)	Online	
4	**Prerequisites/corequisites**	Principles of Statistics	
5	**Program title**	BA Finance	
6	**Program code**	03	
7	**Awarding institution**	The University of Jordan	
8	**School**	Business School	
9	**Department**	Finance	
10	**Course level**	Level 3	
11	**Year of study and semester (s)**	2022-2023 Fall semester	
12	**Other department (s) involved in teaching the course**	None	
13	**Main teaching language**	English	
14	**Delivery method**	■Face to face learning ☐Blended ☐Fully online	
15	**Online platforms(s)**	☐Moodle ■Microsoft Teams ☐Skype ☐Zoom ☐Others…………	
16	**Issuing/Revision Date**	22/10/2022	

17 Course Coordinator:

Name: Dr. Majd Iskandrani

Contact hours:12:30-1:30 Sunday, Tuesday and Thursday

Office number:

Phone number:

Email: m.iskandrani@ju.edu.jo

18 Other instructors:

Name: NA
Office number:
Phone number:
Email:
Contact hours:
Name: NA
Office number:
Phone number:
Email:
Contact hours:

19 Course Description:

This course improves the ability of students to utilize quantitative approaches in the analysis of information from financial markets. Furthermore, to improve student's ability to comprehend results presented in scientific financial journals. The course covers econometric research approaches found in modern financial literature.

A- Aims:

This module aims to give students' theoretical understanding of the statistical methods used in financial literature. It also aims to give students the ability to apply the statistical methods, as well as, handle other statistical techniques if the student encounters in other topics. This module will help students to examine the current finance literature and understand how quantitative methods are used to test the financial literature.

B- Students Learning Outcomes (SLOs):

Upon successful completion of this course, students will be able to:

SLOs SLOs of the course	SLO (1)	SLO (2)	SLO (3)	SLO (4)	SLO (5)	SLO (6)
1. Demonstrate an understanding of the statistical concepts covered in the course, their applications and limitations.		*				
2. Be able to formulate financial problems into econometric models.		*				
3. Be able to apply the econometric methods in finance.			*			
4. Be able to select the appropriate statistical methods, for applying them in financial topics.				*		
5. Be able to analyse and interpret the outputs of the applied statistical methods and communicate the results.				*		
6. Be able to apply a range of quantitative methods to a		*		*		

20 Course aims and outcomes:

number of problems in finance.						

21. Topic Outline and Schedule:

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
1	1.1	Using Numerical Measures to Describe Data	SLO(2)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	1.2	Using Numerical Measures to Describe Data	SLO(2)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25

مركز الاعتماد
وضمان الجودة 3

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
	3	Using Numerical Measures to Describe Data	SLO(2)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
2	2.1	Distributions of Sample Statistics	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	2.2	Distributions of Sample Statistics	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	2.3	Distributions of Sample Statistics	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
3	3.1	Confidence Interval Estimation: One Population	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	3.2	Confidence Interval Estimation: One Population	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	3.3	Confidence Interval Estimation: One Population	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
4	4.1	Hypothesis Tests of a Single Population	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	4.2	Hypothesis Tests of a Single Population	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	4.3	Hypothesis Tests of a Single Population	SLO(3)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
5	5.1	Two Variable Regression Analysis	SLO(4)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	5.2	Two Variable Regression Analysis	SLO(4)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25

					Microsoft team	Synchronous		
	5.3	Two Variable Regression Analysis	SLO(4)	Face to Face			See item 22	See item 25
6	6.1	Additional Topics in Regression Analysis	SLO(4)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	6.2	Additional Topics in Regression Analysis	SLO(4)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25
	6.3	Additional Topics in Regression Analysis	SLO(4)	Face to Face	Microsoft team	Synchronous	See item 22	See item 25

22 Evaluation Methods:

Opportunities to demonstrate achievement of the SLOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	SLOs	Period (Week)	Platform
Midterm Exam	30%	Chapters 2,6&9	2 and3	Week 8	Face to Face
Short Exam	15%	Short Exam Chapters 7&8	4	Week 10	Face to Face
Participation	5%		2,3&4	During the semester	Face to Face
Final Exam	50%	Chapters 2,6,7,9,11&13	2,3&4	To be declared later by the Registration Unit.	Face to Face

23 Course Requirements

(e.g: students should have a computer, internet connection, webcam, account on a specific software/platform…etc): NA

24 Course Policies:

A- Attendance policies:

Students are not allowed to miss more than 15% of the classes during the semester. Failing to meet this requirement will be dealt with according to the university disciplinary rules.

B- Absences from exams and submitting assignments on time:

No make-up exam could be held.

C- Health and safety procedures:

Based on the University disciplinary rules.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Based on the University disciplinary rules.

E- Grading policy:

Based on the scale

F- Available university services that support achievement in the course:

None.

25 References:

A- Required book(s), assigned reading and audio-visuals:

B- Statistics for Business and Economics: Global Edition (2013), Paul Newbold, William Carlson, Betty Thorne, 8th edition, Pearson.

C- Recommended books, materials, and media:

NA

26 Additional information:

- Concerns or complaints should be expressed in the first instance to the module lecturer; if no resolution is forthcoming, then the issue should be brought to the attention of the module coordinator (for multiple sections) who will take the concerns to the module representative meeting. Thereafter, problems are dealt with by the Department Chair and if still unresolved the Dean and then ultimately the Vice President. For final complaints, there will be a committee to review grading the final exam.

- For more details on University regulations please visit:

  http://registration.ju.edu.jo/RegRegulations/Forms/All_Regulations.aspx

- **Being absent is not an excuse for not knowing what is going on.**

The original textbook must be brought to every lecture.

Name of Course Coordinator: -------------------Dr. Majd Iskandrani----------Signature: ----Majd ------------ Date: -------22/10/2022------------
Head of Curriculum Committee/Department: --------------------------- Signature: -----------------------------------
Head of Department: --- Signature: --------------------------- -
Head of Curriculum Committee/Faculty: ------------------------------------- Signature: ------------------------ -
Dean: -- Signature: ---