



Form: Course Syllabus	Form Number	EXC-01-02-02A
	Issue Number and Date	2/3/24/2022/2963 05/12/2022
	Number and Date of Revision or Modification	2023/10/15
	Deans Council Approval Decision Number	265/2024/24/3/2
	The Date of the Deans Council Approval Decision	2024/1/23
	Number of Pages	06

1.	Course Title	Research Methods in Finance
2.	Course Number	1603345
3.	Credit Hours (Theory, Practical)	3 Theory
	Contact Hours (Theory, Practical)	3 Theory
4.	Prerequisites/ Corequisites	Applied Financial Econometrics (1603344)
5.	Program Title	BA in Finance
6.	Program Code	03
7.	School/ Center	Business
8.	Department	Finance
9.	Course Level	03
10.	Year of Study and Semester (s)	2025/2026 – First (Fall)
11.	Program Degree	Bachelor's Degree
12.	Other Department(s) Involved in Teaching the Course	None
13.	Learning Language	English
14.	Learning Types	<input type="checkbox"/> Face to face learning <input checked="" type="checkbox"/> Blended <input type="checkbox"/> Fully online
15.	Online Platforms(s)	<input checked="" type="checkbox"/> Moodle <input type="checkbox"/> Microsoft Teams
16.	Issuing Date	22/02/2025
17.	Revision Date	04/10/2025

18. Course Coordinator:

Name: Prof. Diana Nawwash Abu Ghunmi	Contact hours: 3
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19. Other Instructors: None

Name:

Office number:

Phone number:

Email:

Contact hours:

Name:

Office number:

Phone number:

Email:

Contact hours:

20. Course Description:

This course involves studying how to carry out empirical research in finance. It improves the ability of students to utilize quantitative approaches in the analysis of information from financial markets. Furthermore, it improves student's ability to comprehend results presented in scientific financial journals. The course covers econometric research approaches found in modern financial literature.

21. Program Intended Learning Outcomes: (To be used in designing the matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program)

PLO's	*National Qualifications Framework Descriptors*		
	Competency (C)	Skills (S)	Knowledge (K)
1. K1: Demonstrate a comprehensive understanding of core financial theories, principles, and concepts.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. K2: Recognize and define ethical principles, governance tools, and legal frameworks to promote sustainable financial decision-making and professional practices.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. S1: Employ quantitative methods, statistical techniques, and financial technology tools to handle and analyze financial data, and make informed financial decisions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



4. S2: Utilize financial modeling techniques to assess risk, evaluate investment, and forecast financial performance and opportunities.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. S3: Apply critical thinking and problem-solving skills to improve financial and investment decision-making and analyze current issues in finance.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. C1: Construct scientific research, adhere to its principles, and recommend its findings.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. C2: Effectively communicate financial information and justify ideas to diverse audiences, both orally and in writing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. C3: Engage in team work to achieve common goals, share knowledge, and resolve conflicts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Choose only one descriptor for each learning outcome of the program, whether knowledge, skill, or competency.

22. Course Intended Learning Outcomes: (Upon completion of the course, the student will be able to achieve the following intended learning outcomes)

Course ILOs #	The learning levels to be achieved					Competencies
	Remember	Understand	Apply	Analyse	Evaluate	
1. K1: Demonstrate a comprehensive understanding of key econometric methods and methodologies suitable for conducting research in finance.		X				
2. S1: Formulate research questions for empirical investigation by synthesising existing literature, critically evaluating the findings and identifying research gaps.					X	
3. S2: Design and implement an appropriate research methodology that includes data collection, analysis and interpretation of the findings.						X



4. C1: Develop the ability to effectively plan and undertake a research project in the field of finance and effectively communicate its findings.							X	
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23. The matrix linking the intended learning outcomes of the course -CLO's with the intended learning outcomes of the program -PLOs:

PLO's * CLO's	K1	S1	C1			Descriptors**		
						K	S	C
1. K1	X					X		
2. S1		X					X	
3. S2		X					X	
4. C1			X					X

*Linking each course learning outcome (CLO) to only one program outcome (PLO) as specified in the course matrix.

**Descriptors are determined according to the program learning outcome (PLO) that was chosen and according to what was specified in the program learning outcomes matrix in clause (21).

24. Topic Outline and Schedule:

Week	Lecture	Topic	ILO/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
1	1.1	Introduction	K1	Face to Face	Class	Synchronous	Exam	Textbook
	1.2	Introduction to Research in Finance	K1	Face to Face	Class	Synchronous	Exam	Textbook
	1.3	Introduction to Research in Finance	K1	Blended	elearning	Asynchronous	Forum	Textbook



Week	Lecture	Topic	ILo/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
2	2.1	Classical Linear Regression Model (CLRM)	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	2.2	Classical Linear Regression Model (CLRM)	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	2.3	Classical Linear Regression Model (CLRM)	K1	Blended	elearning	Asynchronous	Forum	Textbook
3	3.1	Classical Linear Regression Model (CLRM)	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	3.2	Classical Linear Regression Model (CLRM)	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	3.3	Classical Linear Regression Model (CLRM)	K1	Blended	elearning	Asynchronous	Assignment	Textbook
4	4.1	Classical Linear Regression Model (CLRM)	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	4.2	Classical Linear Regression Model (CLRM)	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	4.3	Classical Linear Regression Model (CLRM)	K1	Blended	elearning	Asynchronous	Quiz	Textbook
5	5.1	Further Development and Analysis of CLRM	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook



Week	Lecture	Topic	ILo/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
5	5.2	Further Development and Analysis of CLRM	K1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	5.3	Further Development and Analysis of CLRM	K1	Blended	elearning	Asynchronous	Forum	Textbook
	6.1	Further Development and Analysis of CLRM	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
6	6.2	Further Development and Analysis of CLRM	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	6.3	Further Development and Analysis of CLRM	K1, S2	Blended	elearning	Asynchronous	Forum	Textbook
	7.1	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
7	7.2	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	7.3	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Blended	elearning	Asynchronous	Assignment	Textbook
8	8.1	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	8.2	Classical Linear Regression Model	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook



Week	Lecture	Topic	ILo/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
		Assumptions and Diagnostic Tests						
	8.3	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Blended	elearning	Asynchronous	Forum	Textbook
9	9.1	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	9.2	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	9.3	Classical Linear Regression Model Assumptions and Diagnostic Tests	K1, S2	Blended	elearning	Asynchronous	Forum	Textbook
10	10.1	Panel Data	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	10.2	Panel Data	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	10.3	Panel Data	K1, S2	Blended	elearning	Asynchronous	Quiz	Textbook
11	11.1	Panel Data	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	11.2	Panel Data	K1, S2	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	11.3	Panel Data	K1, S2	Blended	elearning	Asynchronous	Forum	Textbook
12	12.1	Conducting Empirical Research in Finance	S1	Face to Face	Class	Synchronous	Exams/ Research	Textbook



Week	Lecture	Topic	ILo/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
12	12.2	Conducting Empirical Research in Finance	S1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	12.3	Conducting Empirical Research in Finance	S1	Blended	elearning	Asynchronous	Forum	Textbook
	13.1	Additional Econometrics Techniques	C1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
13	13.2	Additional Econometrics Techniques	C1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	13.3	Additional Econometrics Techniques	C1	Blended	elearning	Asynchronous	Assignment	Textbook
	14.1	Additional Econometrics Techniques	C1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
14	14.2	Additional Econometrics Techniques	C1	Face to Face	Class	Synchronous	Exams/ Research	Textbook
	14.3	Additional Econometrics Techniques	C1	Blended	elearning	Asynchronous	Forum	Textbook
	15.1	Revision		Face to Face	Class	Synchronous		Textbook
15	15.2	Revision		Face to Face	Class	Synchronous		Textbook
	15.3	Revision		Blended	elearning	Asynchronous		Textbook



25. Evaluation Methods:

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

Evaluation Activity	*Mark wt.	CLO's					
		K1	S1	S2	C1		
First Exam	30	X		X			
Second Exam –If any							
Final Exam	40	X	X	X	X		
**Class work	30						
Projects/reports							
Research working papers	15	X	X	X	X		
Field visits							
Practical and clinical							
Performance Completion file							
Presentation/exhibition							
Any other approved works							
• Quizzes	5						
• Forums	5						
• Assignments	5						
Total 100%	100						

* According to the instructions for granting a Bachelor's degree.

**According to the principles of organizing semester work, tests, examinations, and grades for the bachelor's degree.

Mid-term exam specifications table*

No. of questions/ cognitive level						No. of questions per CLO	Total exam mark	Total no. of questions	CLO/ Weight	CLO no.
Create %10	Evaluate %10	analyse %10	Apply %20	Understand %20	Remember %30					
1	1	1	4	2	1	10	100	100	10%	1



Final exam specifications table

No. of questions/ cognitive level						No. of questions per CLO	Total exam mark	Total no. of questions	CLO Weight	CLO no.
Create %10	Evaluate %10	analyse %10	Apply %20	Understand %20	Remember %30					
										1
										2
										3
										4
										5

26. Course Requirements:

Student should have access to a computer, an internet connection, and the Moodle platform.

27. 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- B- Absences from exams and submitting assignments on time: **No make-up exams or quizzes will be held. Assignments must be submitted on time; otherwise, students will receive a zero.**
- C- Health and safety procedures: refer to Student Handbook
- D- Honesty policy regarding cheating, plagiarism, misbehavior: Any inappropriate behaviour will not be tolerated, and student will face consequences based on the University disciplinary rules.
Students are kindly requested to keep their mobiles on silent mode during the lecture. Any disturbance caused by mobile phones will not be tolerated and mobile owner will be requested to leave the class
- E- Grading policy: See above
- F- Available university services that support achievement in the course: Computers/ Internet connection

28. References:

- A- **Required** book(s), assigned reading and audio-visuals:
Introductory Econometrics for Finance, Chris Brooks, latest edition , Cambridge University Press
- B- **Recommended** books, materials, and media:
Links and videos that will be provided on the e-learning platform



29. Additional information:

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Name of the Instructor or the Course Coordinator: Signature: Date:
..... Professor Diana Nawwash Abu Ghunmi. 04/10/2025

Name of the Head of Quality Assurance Committee/ Department Signature: Date:
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Name of the Head of Department Signature: Date:
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Name of the Head of Quality Assurance Committee/ School or Center Signature: Date:
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Name of the Dean or the Director Signature: Date:
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