

Course Syllabus

1	Course title	Econometrics	
2	Course number	1707707	
3	Credit hours	3	
	Contact hours (theory, practical)	3 theory	
4	Prerequisites/corequisites	Undergraduate	
5	Program title	MASTER IN BUSINESS ECONOMICS	
6	Program code		
7	Awarding institution	The University of Jordan	
8	School	Business	
9	Department	Business Economics	
10	Course level	Second year	
11	Year of study and semester (s)	First, 2021	
12	Other department (s) involved in teaching the course	-	
13	Main teaching language	Arabic-English	
14	Delivery method	<input checked="" type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online	
15	Online platforms(s)	<input type="checkbox"/> Moodle <input type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....	
16	Issuing/Revision Date	30/11/2021	

17 Course Coordinator:

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**18 Other instructors:**

Name:

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Email:

Contact hours:

Name:

Office number:

Phone number:

Email:

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19 Course Description:

The course starts with standard classical multiple regression model: estimation and hypothesis testing. Then it departs to cover major econometric problems including heteroskedasticity, serial correlation, and errors in variables. Advanced topics include nonlinear regression, limited dependent variable models and an introduction to time series integration and cointegration.

20 Course aims and outcomes:

A- Aims:

- 1- To understand the basic techniques of econometric model estimation
- 2- To be able to compare and choose between different econometric models
- 3- To understand the process of hypotheses testing
- 4- To be aware of the limits (assumptions) of econometric analysis
- 5- To be able to detect and deal with different econometric problems

B- Program Learning Outcomes (PLOs):

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

ILOs of the course Intended learning for the course	PLO (1)	PLO (2)	PLO (3)	PLO (4)	PLO (5)	PLO (6)	PLO (7)
to understand the basic techniques of econometric model estimation	x	x					
To understand the process of hypotheses testing	x	x					
To be aware of the limits (assumptions) of econometric analysis			x	x			
To be able to detect and deal with different econometric problems.					x	x	x

21. Topic Outline and Schedule:

Week	Lecture	Topic	Intended Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
1	1.1	Multiple Regression Analysis: estimation	1,2	FF	Ms-teams		Exams Homework	Text, lectures, articles
2	2.1	=	1,2,3,5	=	=		=	-
Week	Lecture	Topic	Intended Learning Outcome	=	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
3	3.1	The Problem of Inference	1,2,3,5	=	=	sy/asy	=	
4	4.1	=	1,2,3,4,5	=	=	=	=	=
5	5.1	: Functional forms of econometric models	1,2,3,4,5,5,7	=	=	=	=	=
6	6.1	=	=	=	=	=	=	=
7	7.1	=	=	=	=	=	=	=
8	8.1	The Method of Maximum Likelihood: estimation and inference		=	=		==	
9	9.1	Problems of Econometric Models:	=	=	=	=	=	=
10	10.1	=	=	=	=	=	=	=

11	11.1	Dummy Variable Regression Models	==	=	=	=	=
12	12.1	Binary dependent variable models	=	=	=	=	=
13	13.1	=	=	=	=	=	=
14	14.1	econometric integration and cointegration analysis	=	=	=	=	=
15	15.1	=	=	=	FF		

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
HOMEWORKS	10	all	5,6,7	All	Direct/FF
first exam	20	W 1,2,3,4	ALL	8	FF
Midterm exam	30	W ,4, 5, 6, 7, 8		10	
final	40	ALL	ALL	UJ's schedule	FF
total	100			-	

23 Course Requirements



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

Internet, MS-teams, computer

24 Course Policies:

A- Attendance policies: JU's regulations

B- Absences from exams and submitting assignments on time: JU's regulations

C- Health and safety procedures: JU's regulations

D- Honesty policy regarding cheating, plagiarism, misbehavior: JU's regulations

E- Grading policy: alphabetical (a,b,c,..)

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

library, internet, other learning logistics

25 References:

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

1- Taleb W. Introduction to Econometrics, UJ, 2010..

B- Recommended books, materials, and media:

2- Thomas R. Modern econometrics, Addison Wesley Longman, 2003-after.

3- Gujarati D. Basic Econometrics, 4th edition, McGraw-Hill/Irwin, New York, 2003-after.

26 Additional information:



Name of Course Coordinator: ----taleb warrad-----Signature: ----TAW----- Date: -26-11- -----
Head of Curriculum Committee/Department: ----- Signature: ----- ---
Head of Department: ----- Signature: ----- -
Head of Curriculum Committee/Faculty: ----- Signature: ----- -
Dean: ----- Signature: -----