

**People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific
Research**

**Harmonizing
The offering of
Master Academy training**

2023-2024

Univesity	Faculty/institution	Department
University of Mohamed Kheider Biskra	Faculty of Economics, Commerce and Management sciences	Department of Economics sciences

Field	Branche	Speciality
Economics, Management and Commerce sciences	Economics sciences	International Economy

**REPUBLIQUE ALGERIENNE DEMOCRATIQUE ET
POPULAIRE**

**MINISTERE DE L'ENSEIGNEMENT SUPERIEUR
ET DE LA RECHERCHE SCIENTIFIQUE**

HARMONISATION

OFFRE DE FORMATION

MASTER ACADÉMIQUE

2023-2024

Etablissement	Faculté / Institut	Département
Université Mohamed Kheider Biskra	Faculté des sciences économiques, commerciales et des sciences de gestion	Sciences Economiques

Domaine	Filière	Spécialité
Sciences Economique, de Gestion et Sciences Commerciales	Sciences Economiques	Economie Internationale

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I-MASTER IDENTIFICATION CARD

1- Location of training :

University: University of Mohamed Kheider Biskra

Faculty: Faculty of Economics, Commerce and Management sciences

Department : Department of economics sciences

- Master's Qualification Decision Number: Decision No. 1163 dated August 9, 2016.
- Training Reference Decision: Decision No. 1382 dated October 17, 2022, specifying the education program for obtaining a Master's degree in International Economy

-2- Other Participants: (Mandatory Field)

Other universities :

- University of Batna
- University of Setif1
- University of Khenchla
- University of M'sila

The other participating institutions :

- Public and Private administration in the Wilaya of Biskra
- Banks and financial institutions in the wilaya of Biskra
- The public treasury of Biskra
- Institutions dealing with foreign affairs

International foreign partners : No

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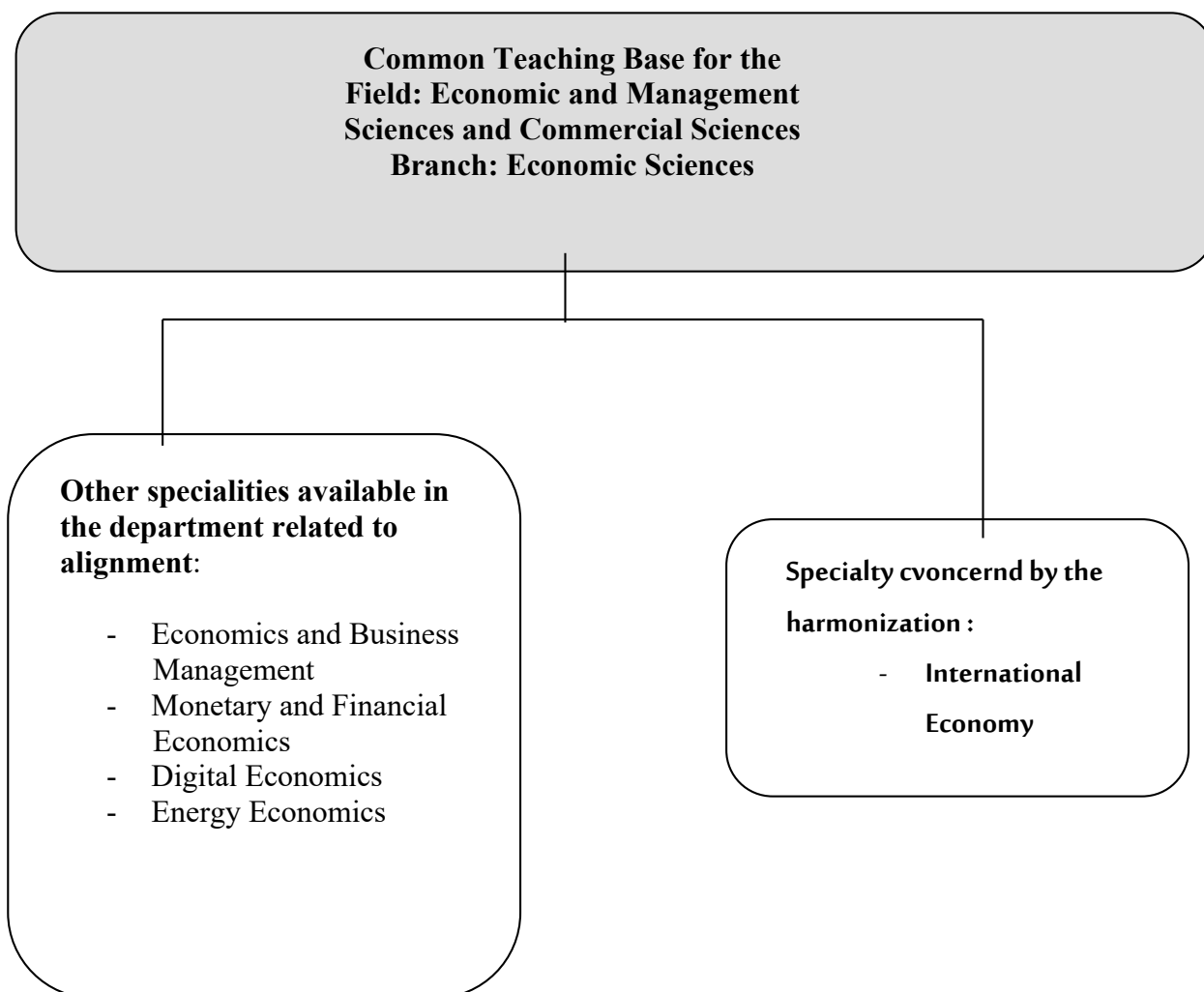
3- Framework and Objectives of Training:

A - General Organization of Training: Project Position (Mandatory Field)

Enrollment in this specialization for Master's training in: International Economics is open to students holding a Bachelor's degree in Economic Sciences.

1. Among the Bachelor's students (Bachelor's, Master's, Ph.D.) in the specialization of Monetary and Banking Economics, and even students holding a Bachelor's degree in a field related to international economics.
2. Among classical system Bachelor's students in related specialties.

Structure and Paths of Specializations Open and Proposed in the Training Branch



B Training Objectives (Mandatory Field) (Targeted Competencies, Knowledge Acquired at the End of Training - Up to 20 lines)

The training aims to:

- Enhance the training of Master's students in a new specialization that holds great significance in light of the current global economic, financial, and monetary changes, extending the impact and consequences of these changes to national economies. It aims to develop their scientific and analytical skills objectively in highlighting the positive and negative repercussions of international economic issues at both the macro and micro levels.
- Deepen students' knowledge related to various economic developments and events at the global level, both theoretically and realistically.
- Meet the needs of institutions, employees, and various economic actors at the national and local levels with qualified professionals capable of managing institutions in the new economic environment open to the global economy. It also aims to adopt effective policies that ensure positive adaptation to its consequences and developments.
- Contribute to laying the scientific groundwork for students' training and preparing them to obtain a Master's degree in international economics. It directs those who excel towards more specialized areas related to international economics at the doctoral level.
- Encourage students to engage in research and academic studies specialized in addressing issues related to international economics and their impact on national economies, especially the Algerian economy.
- Contribute to informing Algerian economic institutions about the various challenges they face in the context of the new global economic developments.

C - Targeted Qualifications and Competencies (Up to 20 lines) (Mandatory Field)

The economic landscape is evolving across various sectors, especially in the field of international transactions. To address this evolution, there is a need to offer a Master's program in Economic Sciences specializing in International Economics. This program aims to meet the needs of this sector by providing scientifically and practically qualified human resources capable of performing various jobs related to international economics. The continuous and rapid development in global economic events justifies the adoption of this academic program, which seeks to drive development in the national economy.

D- Regional and National Capacities for Employability (Mandatory Field)

Graduates of this specialization are employed in commercial banks dealing with foreign affairs, public administrations, international financial and monetary institutions, and in the field of teaching.

E - Bridges to Other Specializations (Mandatory Field)

This training allows students benefiting from it to pursue other specializations in economic sciences at the doctoral level. Students can specialize in doctoral studies in various fields within the Economic Sciences department, including:

1. International Economics
2. Monetary and Financial Economics
3. Digital Economics
4. Economics and Business Management
5. Energy Economics

As for bridges to this specialization, students from the bachelor's level are directed towards the same specialization path at the master's level. Students from other bachelor's specializations within the same department can also be directed towards this specialization.

F - Efficiency Indicators for Training Monitoring (Mandatory Field)

- Alignment of the specialization [International Economics] with the directions of the Algerian economy towards openness to the outside world.
- The university's availability of material and human resources [structures/supervision].
- Competition in the job market.
- Training qualified professionals capable of contributing to the development of the Algerian economy.
- Training qualified professionals capable of contributing to the analysis of international economic conditions and anticipating international economic events.
- The significant development in the national economy in its relationship with international financial, monetary, and trade institutions, with Algeria's expected entry into the World Trade Organization.

4- Available Human Resources

B1- Capacities for Internal Supervision: This specialization can accommodate Master's training in International Economics for a number of students ranging from 30 to 40, based on the available material and human resources.

B- Internal Supervision Allocated to Specialized Training

Full Name	Specialization Certificate (Master's - Ph.D.)	Rank	Nature of Intervention (Lecture, Directed Activities, Supervision)
MEFTAL Saleh	Bachelor's Degree in Financial Sciences	Higher Education Professor	Lectures + Thesis Supervision
RAHMANI Moussa	Bachelor's Degree in Planification	Higher Education Professor	Lectures + Thesis Supervision
HOUHOU Souad	Bachelor's Degree in Economics Sciences	Higher Education Professor	Lectures + Thesis Supervision
BENZAOUI Abderrazzak	Statistician Enginee	Higher Education Professor	Lectures + Thesis Supervision
DERDOURI Lahcen	Bachelor's Degree in Economics Sciences	Higher Education Professor	Lectures + Thesis Supervision
BENBRIKA Zohra	Bachelor's Degree in Economics Sciences	Higher Education Professor	Lectures + Thesis Supervision
BENSMINA Dalel	Bachelor's Degree in Financial Sciences	Higher Education Professor	Lectures + Thesis Supervision
OUASSAF Atika	Bachelor's Degree in Financial Sciences	Higher Education Professor	Lectures + Guided Activities + Thesis Supervision
NCIRA Okba	Bachelor's Degree in Financial Sciences	Higher Education Professor	Lectures + Guided Activities + Thesis Supervision
BENDIF MOHAMED Adnan	Bachelor's Degree in Money and Finance	Higher Education Professor	Lectures + Guided Activities + Thesis Supervision
HAMRIT Rachid	Bachelor's Degree in Financial Sciences	Higher Education Professor	Lectures + Guided Activities + Thesis Supervision
HADDANA Asma	Bachelor's Degree in Money and Finance	Professer lecturer (A)	Guided Activities + Thesis Supervision
MSEMCH Nadjet	Bachelor's Degree in Money and Finance	Professer lecturer (A)	Guided Activities + Thesis Supervision
RAHAL Fatima	Bachelor's Degree in finance, money and banks	Professer lecturer (A)	Guided Activities + Thesis Supervision
MOUADDAE Imane	Bachelor's Degree in finance, money and banks	Professer lecturer (A)	Guided Activities + Thesis Supervision
DJAAFAR Saliha	Bachelor's Degree in finance, money and banks	Professer lecturer (A)	Guided Activities + Thesis Supervision
MEHDA Nacer	Bachelor's Degree in Management sciences	Professer lecturer (A)	Guided Activities + Thesis Supervision
KERAMA Maroua	Bachelor's Degree in finance, money and banks	Professer lecturer (A)	Guided Activities + Thesis Supervision

OUANNASSA Djeddi	Bachelor's Degree of laws	Professer lecturer (A)	Lectures
TORKI Fatima Zohra	Master's degree in computer science	Assistant Professor (A)	Lectures + Applied Activities

* محاضرة، تطبيق، أعمال موجهة، تأطير التريصات، تأطير المذكرات، أخرى (توضح).

مصادقة الكلية أو المعهد

مصادقة القسم

B2- External supervision : NO

Department validation

Faculty validation

د- الحوصلة الإجمالية للموارد البشرية المسخرة للتكوين

The total	External	Internal	Rank
10	/	10	Higher Education Professor
9	/	9	Professor lecturer (A)
/	/	/	Professor lecturer (B)
1	/	1	Assistant Professor (A)
/	/	/	Assistant Professor (B)
/	/	/	* Others
20	/	20	The total

*Other: Support and Technical Users

5- Available Material Resources for Specialization Training:

A- Pedagogical Laboratories and Facilities:

Lab 1 Title: Economic Sciences and Management Sciences Laboratory

Capacity:

observations	Number	Equipment	N°
	50	Computers	1
	WIFI	Internet	2
	01	Reading room	3
	Several titles	Library	4

Lab 2 Title: Economic Sciences and Management Sciences Laboratory

Capacity

الملاحظات	العدد	اسم التجهيز	الرقم
	40	Computers	1
	WIFI	Internet	2
	01	Reading room	3

	Several titles	Library	4
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B- Internship and Training Fields in Institutions

Training period	Number of students	Training venue
Month	60	Public banks
Month	20	Private banks
Month	20	Public Economic Institution
Month	20	Private Economic Institution

C- Research Laboratories to Support the Proposed Training:

***Financial, Banking, and Business Management Laboratory**

Head of the Laboratory Pr/ GHALEM Abdellah
Laboratory Accreditation Number 222 on July 13 – 2009
Financial, Banking, and Business Management Laboratory Date: The opinion of the laboratory director: Approval to open the speciality

مخبر العلوم الاقتصادية وعلوم التسيير

Head of the Laboratory Pr/ Guerichi Mohamed
Laboratory Accreditation Number 235 on May 2002
 Date: The opinion of the laboratory director: Approval to open the speciality

D- The research projects supporting the proposed training :

End date of the project	Start day of the project	The project code	The title of the project
31/12/2025	01/01/2022	F02N01UN070120220007	Role of Digital Financial Services in Achieving Economic Recovery in Algeria Amid the COVID-19 Crisis
31/12/2025	01/01/2022	F02N01UN070120220003	Digital Economy and Investment Challenges in the Stock Exchange - The Case of Algeria: Current Situation and Prospects
31/12/2025	01/01/2022	F01L02UN070120220003	Socioeconomic impacts of entrepreneurial university as a critical actor of triple helix: The case of sample of Algerian universities
31/12/2025	01/01/2022	F02N01UN070120220008	The Effectiveness of Strategies Implemented in Algeria for Non-Energy Export Development in Light of Current International Developments.
31/12/2025	01/01/2022	F02N01UN070120220006	Efficiency in Resource Utilization as a Strategic Option within the Framework of Sustainable Development Controls

E- The documentation available in the university institution related to the proposed training presentation (mandatory field):

- The library of the Faculty of Economic Sciences, Management Sciences, and Commercial Sciences has more than 50,000 titles in all specialties in both Arabic and French languages.

F. Personal Workspaces and Information and Communication Technologies available at the institute or college To enable students to carry out their research, applications, and personal work, the University of Biskra provides:

- 03 computer labs equipped with modern means for computer studies, ensuring the smooth progress of practical sessions.
- An internet room in addition to college-wide WIFI coverage.
- Several reading rooms.
- The university library has more than 100,000 titles.

G- Educational Support:

Specify digital platforms for disseminating lessons

Link of numeric platform	Institution	Type of numeric platform (Moodle...)
http://elearning.univ-biskra.dz/moodle/	University of Mohamed kheider Biskra	Moodle
https://univ-biskra.dz		Professional email
https://fsecsg.univ-biskra.dz/index.php/ar/		The location of the faculty

*Listing the other platforms used

II - Semester Organization Card

**Annex to Decision No. 1382 dated October 17, 2022,
specifying the education program for obtaining a Master's degree
in the field of 'Economic Sciences and Management Sciences and
Commercial Sciences,' Department of 'Economic Sciences,'
specializing in 'International Economy**

First semester :

Assesment type		Learning type		* Others	semester credit hours (15 weeks)	weekly credit hours			Coefficient	credits	Modules	Learning units
Exam	Continuous assessment	Online	By presence			Applied activities	Guided activities	lectures				
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	Modern Theories of International Trade	Fundamental units
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	Advanced Macroeconomics	
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	Economic Geography	
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	Commodity Exchange	
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	Time Series Analysis	Methodological units
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	Communication and Administrative Redaction	
%60	%40		X	00 سا 05	45 h 00		1 h 30	1 h 30	2	2	Customs Law	Exploratory units
-	%100	X	X	02 h 30	22 h 30		1 h 30		1	1	Specialized Foreign Language 1	Horizontal units
				367 h 30	337 h 30		12 h 30	10 h 30	15	30	Total of the 1st semester	

* Additional work and personal projects determined by the pedagogical level of the module

Second semester:

Assesment type		Learning type		* Others	semester credit hours (15 weeks)	weekly credit hours			Coefficient	credits	Modules	Learning units
Exam	Continuous assessment	Online	By presence			Applied activities	Guided activities	lectures				
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	Deep International Finance	Fundamental units
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	International Marketing	
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	International Production and Multinational Companies	
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	Input-Output Analysis	
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	Advanced Econometrics	Methodological units
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	Master's Thesis Preparation Methodology	
%60	%40		X	05 h 00	45 h 00		1 h 30	1 h 30	2	2	Negotiation and Economic Diplomacy	Exploratory units
-	%100	X	X	02 h 30	22 h 30		1 h 30		1	1	Specialized Foreign Language 02	Horizontal units
				367 h 30	337 h 30		12 h 00	10 h 30	15	30	Total of the second semester	

* Additional work and personal projects determined by the pedagogical level of the module

Third semester :

Assesment type		Learning type		* Others	semester credit hours (15 weeks)	weekly credit hours			Coefficient	credits	Modules	Learning units
Exam	Continuous assessment	Online	By presence			Applied activities	Guided activities	lectures				
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	Blockchain and International Trade	Fundamental units
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	International Economic and Financial Crises	
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	Global Value Chains	
%60	%40		X	55 h 00	45 h 00		1 h 30	1 h 30	2	4	General Equilibrium Models	
%60	%40		X	65 h 00	45 h 00		1 h 30	1 h 30	2	5	Techniques of International Trade Finance	Methodological units
%60	%40		X	00 سا 55	45 h 00		1 h 30	1 h 30	2	4	Export Strategies	
%60	%40		X	05 h 00	45 h 00		1 h 30	1 h 30	2	2	Customs Procedures	Exploratory units
-	100 %	X	X	02 h 00	22 h 30	1 h 30			1	1	Statistical Software	Horizontal units
				367 h 30	337 h 30	1 h 30	10 h 30	10 h 30	15	30	Total of the 3rd semester	

* Additional work and personal projects determined by the pedagogical level of the module

4-The fourth semester

Field: Economic Sciences, Business Sciences, and Management Sciences

Branch: Economic Sciences

Speciality: International Economy

Program: Internship in an institution culminating in a thesis defense

Credits	Coefficient	weekly credit hours	
30	04	30 h	Personal Work
/	/	03 h	Field Study (in various forms depending on the thesis topic)
/	/	02 h	Conferences (certificate of attendance for a conference, training session, or workshop during the second year of the Master's program)
/	/	05 h	Other Assignments (as determined by the pedagogical committee for the speciality)
30	04	600 h	Total semester4 (15 weeks)

5- overall Summary of training

Total	Horizontal	exploratory	methodological	fundamental	LU
562 h 30	00	67 h 30	157 h 30	337 h 30	lecture
425 h 30	67 h 30	22 h 30	112 h 30	225 h	Guided activities
22 h 30	00	22 h 30	00	00	Applied activities
1177 h 30	7 h 30	15 h	360 h	795 h	Personal work
600 h	00	45 h	105 h	450 h	Other work (identified)
2745 h	75 h	195 h	735 h	1740 h	TOTAL
120	3	06	27	84	Credits
%100	02.5%	%05	22.5%	70%	% credit for each learning unit

III-DETAILED PROGRAM FOR EACH MODULE

Master : International Economy

Semester : the First

Unit : Fundamental Learning Unit

Code : F.L.U 1.1

Module : Modern Theories of International Trade

Credit : 05

Coefficient : 02

Objectives of learning :

This course is designed to introduce students to modern theories of international trade. Students will learn about the theoretical foundations of international trade and how these theories have evolved over time. The course will cover a range of topics, including comparative advantage, factor endowments, and the role of institutions in shaping international trade patterns. Main aims are:

- To understand the theoretical foundations of international trade
- To identify and analyze the key factors that drive international trade patterns
- To evaluate the strengths and weaknesses of different theories of international trade
- To apply theoretical concepts to real-world trade issues
- To develop critical thinking and analytical skills in the field of international trade

Prerequisite Knowledge :

Basic knowledge about traditional international trade theories and macroeconomics

Content of the Module :

Chapter 01: Introduction to International Trade

- History and Evolution of International Trade
- World Trade in Statistics

Chapter 02: Classical and Neoclassical Theories of International Trade

- Theory of Comparative Advantage: A. Absolute and B. Comparative

- Factorial Theory / Neoclassical (Heckscher-Ohlin-Samuelson Model)

Chapter 03: New Theories of International Trade

- Theory of Intra-Industry Trade
- Theory of Differentiated Goods by Helpman and Krugman
- Theory of Reciprocal Dumping by Brander and Krugman
- Theory of Vertical Intra-Industry Trade
- Theory of Contestable Markets
- Theory of Unequal Exchange
- Theory of Product Life Cycle
- Strategic Theory of Trade
- Operational Models

Chapter 04: "New" New Theory of Trade

- The Melitz Model
- Heterogeneous Firm Selection and Trade Flows [The Antras Model (2003) / Antràs and Helpman (2005)]

Chapter 05: Firm Behavior and International Trade

- Choice of Firm Organization and International Equilibrium: Works by Grossman and Helpman (2002, 2003, 2005)
- Contribution of the Theory of the Firm to International Economics.

The assessment method includes continuous assessment along with a final exam, where the course average is calculated with a weighted distribution of 60% for the lecture and 40% for guided activities.

References :

- Krugman, P. R., Obstfeld, M., & Melitz, M. J. (2015). International economics: theory and policy. Pearson.
- Helpman, E., & Krugman, P. R. (2015). Market structure and foreign trade: Increasing returns, imperfect competition, and the international economy. MIT Press.
- Feenstra, R. C., & Taylor, A. M. (2017). International economics. Macmillan International Higher Education.
- Baldwin, R., & Winters, A. L. (2016). Challenges to globalization: analyzing the economics. University of Chicago Press.
- Markusen, J. R., Melvin, J. R., Kaempfer, W. H., & Maskus, K. E. (2015). International trade: Theory and evidence. McGraw-Hill Education.
- Dixit, A. K., & Norman, V. (2015). Theory of international trade: A dual, general equilibrium approach. Cambridge University Press.
- Venables, A. J. (2017). International trade and regional economies: economies, societies, and institutions in flux. Oxford University Press.

Master : International Economy

Semester : the First

Unit : Fundamental Learning Unit

Code : F.L.U 1.1

Module : Advanced Macroeconomics

Credit : 05

Coefficient : 02

Objectives of learning :

Upon successfully completing the course, the student will be able to:

- Understand well-known macroeconomic models and explain and critique them constructively;
- Evaluate the extent to which macroeconomic models can explain real-world data and experiences of macroeconomics;
- Analyze economic data to evaluate economic performance and economic policies.
- Apply macroeconomic concepts and theories to analyze and solve specific economic problems, such as inflation, unemployment, economic growth, etc
- Read and understand research articles on macroeconomics in academic journals.

Prerequisite Knowledge

:Macroeconomics 1, Macroeconomics 2, statistics

Content of Module :

- Chapter 1: The augmented IS-LM Model

The initial Keynesian theory

Friedman's theory of permanent income

Modigliani's life-cycle theory

The MPS model

The effects of economic policies within the IS-LM model framework

- Chapter 2: The WS-PS Model:

The labor market

Formation of the WS curve (Wages)

Formation of the PS curve (Prices)

The WS-PS equilibrium

- Chapter 3: The Aggregate Supply-Aggregate Demand (AS-AD) Model:

Formation of the aggregate demand (AD) curve

Formation of the aggregate supply (AS) curve

The AS-AD equilibrium

- Chapter 4: The IS-LM-BP Model (Open Economy)

Capital openness

The exchange rate

Internal and external equilibrium

Formulation of the IS-LM-BP model

The effects of economic policies under different exchange rate regimes and degree of capital openness

- Chapter 5: Growth models:

Exogenous growth models

Solow's model

Endogenous growth model

Dynamic stochastic general equilibrium (DSGEM) models

The assessment method includes continuous assessment along with a final exam, where the course average is calculated with a weighted distribution of 60% for the lecture and 40% for guided activities

References :

- Mankiw, N. G. (2016). Macroeconomics. Cengage Learning.
- Romer, D. (2018). Advanced Macroeconomics. McGraw-Hill Education.
- Blanchard, O. J.,(2018). Macroeconomics. Pearson.
- Barro, R. J., & Sala-i-Martin, X. (2003). Economic Growth. MIT Press

Master : International Economy

Semester : the First

Unit : Fundamental Learning Unit

Code : F.L.U 1.1

Module : Economic Geography

Credit : 04

Coefficient : 02

Objectives of learning :

Course description: This course explores the spatial distribution and organization of economic activities, focusing on the ways in which geography shapes economic development and globalization. Main aims are:

- To develop an understanding of the key concepts, theories, and debates in economic geography
- To analyze the spatial patterns of economic activities and their implications for economic development
- To examine the relationships between globalization, economic restructuring, and regional development
- To apply economic geography concepts and tools to real-world issues and problems
- To enhance critical thinking, analytical skills, and written and oral communication skills.

Prerequisite Knowledge :

Basic knowledge of geography and economic concepts

Familiarity with quantitative methods and analytical skills

Content of the module :

Chapter 1: Introduction to Economic Geography

- Key concepts and theories in economic geography
- Historical development of economic geography as a field of study
- Major themes and debates in economic geography

Chapter 2: Spatial patterns of Economic Activities

- Theories of location and agglomeration
- Spatial organization of industries and services
- Regional disparities and economic development

Chapter 3: Globalization and Economic Restructuring

- Economic globalization and its impact on spatial patterns of economic activities
- Changes in the organization of production and trade
- Transnational corporations and global value chains

Chapter 4: Regional Development

- Regional economic development strategies and policies
- Regional inequalities and territorial cohesion
- Case studies of regional development initiatives

Chapter 5: Applied Economic Geography

- Applications of economic geography concepts and tools to real-world issues and problems
- Research methods and data sources in economic geography

The assessment method includes continuous assessment along with a final exam, where the course average is calculated with a weighted distribution of 60% for the lecture and 40% for guided activities

References :

- Yeung, H. W. (2005). *Economic Geography: A Contemporary Introduction*. Blackwell Publishers.
- Clark, G. L., & Feldman, M. P. (2012). *The Oxford Handbook of Economic Geography*. Oxford University Press.
- Cox, K. R. (2013). *Spaces of Globalization: Reasserting the Power of the Local*. Guilford Press.
- Agnew, J. A., & Corbridge, S. (Eds.). (2011). *Mastering Space: Hegemony, Territory and International Political Economy*. Routledge.
- Martin, R. L., & Sunley, P. (2006). Path dependence and regional economic evolution. *Journal of Economic Geography*, 6(4), 395-437.

Master : International Economy

Semester : the First

Unit : Fundamental Learning Unit

Code : F.L.U 1.1

Module : Commodity Exchange

Credit : 04

Coefficient : 02

Objectives of learning :

This course aims to :

- Understand the basics of commodity trading and the various markets in which they are traded.
- Gain knowledge of the factors that impact commodity prices and how to analyze commodity market trends.
- Learn the various trading strategies used in commodity trading and how to evaluate their effectiveness.
- Understand the role of commodity trading in the global economy and its impact on industries and consumers.
- Learn how to manage risk in commodity trading and how to use financial instruments to hedge against price fluctuations.

Prerequisite Knowledge :

- Basic knowledge of financial markets and trading
- Understanding of fundamental and technical analysis
- Knowledge of financial instruments such as futures, options, and swaps

Content of the Module :

Chapter 1 : Introduction to Commodity Trading

- Definition of commodity trading and its significance in the global economy
- Overview of the major commodity markets
- Understanding the supply and demand dynamics that impact commodity prices

Chapter 2 : Analyzing Commodity Markets

- Understanding price cycles and market trends
- Introduction to fundamental and technical analysis
- Evaluating supply and demand factors that impact commodity prices

Chapter 3: Trading Strategies

- Overview of various trading strategies
- Technical analysis-based trading strategies
- Fundamental analysis-based trading strategies
- Spread trading strategies

Chapter 4: Managing Risk in Commodity Trading

- Understanding the various types of risk in commodity trading
- Hedging against price fluctuations with futures and options contracts
- Introduction to other financial instruments used in commodity trading

Chapter 5: The Impact of Commodity Trading on Industries and Consumers

- Examining the role of commodity trading in various industries
- Understanding how commodity prices impact consumer prices
- The ethical implications of commodity trading

The assessment method includes continuous assessment along with a final exam, where the course average is calculated with a weighted distribution of 60% for the lecture and 40% for guided activities

References :

- Fabozzi, F. J., & Füss, R. (Eds.). (2018). *The Handbook of Commodity Investing*. John Wiley & Sons.
- Dange, M. (2018). *Commodity Trading: The Essential Primer*. John Wiley & Sons.
- Garner, C. (2014). *Commodity Options: Trading and Hedging Volatility in the World's Most Lucrative Market*. FT Press.
- Schofield, N. C., & Pinheiro, B. D. (2007). *Commodity Derivatives: Markets and Applications*. John Wiley & Sons.

Master : International Economy

Semester : the First

Unit : Methodological Learning Unit

Code :M.L.U 1.1

Module : Commodity Exchange

Credit : 05

Coefficient : 02

Objectives of learning :

This course aims to :

- Linking theoretical concepts and rules with their practical applications.
- Understanding the concepts related to time series and methods for estimating and detecting their components.
- Understanding the basic concepts necessary for the topic of time series such as stationarity, both strong and weak, autocorrelation and partial autocorrelation functions, estimation methods, and important mathematical transformations to make the series stationary.
- Knowing the main ARIMA models for forecasting time series, with a focus on simple and double exponential smoothing, as well as the Holt-Winters method.
- Developing the ability to use some of the mathematical programs used in this field.

Prerequisite Knowledge :

- Statistics 1
- Statistics 2

Content of the Module :

Chapter 1: Generalities about time series and estimating their components

Chapter 2: Stationarity, autocorrelation, and partial autocorrelation

Chapter 3: ARIMA models for forecasting time series

Chapter 4: Vector Autoregression (VAR) models

The assessment method includes continuous assessment along with a final exam, where the course average is calculated with a weighted distribution of 60% for the lecture and 40% for guided activities

References :

- Brockwell, P. J., & Davis, R. A. (2016). Introduction to time series and forecasting (3rd ed.). Springer.
- Chatfield, C. (2019). The analysis of time series: An introduction (7th ed.). CRC Press.
- Shumway, R. H., & Stoffer, D. S. (2017). Time series analysis and its applications: With R examples (4th ed.). Springer.
- Ruey S. Tsay (2005). Analysis of Financial Time Series, Wiley Series in Probability and Statistics, 2nd Edition.
- Hamilton, J. D. (1994). Time series analysis (1st ed.). Princeton University Press.

Master : International Economy

Semester : the First

Unit : Methodological Learning Unit

Code :M.L.U 1.1

Module : Communication and administrative redaction

Credit : 04

Coeficient : 02

Objecives of learning :

This educational material aims to achieve the following outcomes:

- **Awareness of the Importance of Communication in Organizations:**
 - Recognizing the importance of communication in organizations, especially written communication, which encompasses administrative writing skills.
- **Improving Organizational Communication:**
 - Enhancing the communication process within the organization based on the understanding of its significance.
- **Distinguishing Administrative Style from Other Writing Styles:**
 - Recognizing the differences between administrative writing and other styles such as literary, philosophical, journalistic, and scientific writing.
- **Administrative Correspondence:**
 - Writing administrative correspondence in accordance with formal, linguistic, and legal principles.

Prerequisite Knowledge: To study the content of this material, students should be familiar with management functions (planning, organizing, directing, and controlling) covered in the Introduction to Business Administration and Enterprise Management courses. Additionally, basic proficiency in writing tools using office software, especially covered in the Information Technology course, is required.

Content of the Material:

- **Communication Concepts:**
 - Definition of communication and its forms (oral, written, non-verbal).
 - Elements of the communication process ("communication diagram").
 - Definition of organizational communication; the importance of organizational communication.
- **Types of Organizational Communication:**
 - Internal and external communication (business communication, financial communication, institutional communication, etc.).
- **Administrative Writing:**
 - Definition, importance, administrative style, and its characteristics.
- **Formatting of Administrative Messages:**
 - Formal data in administrative messages.
 - Distinguishing between attached administrative messages and those with a personal touch, such as handwritten requests.
- **Administrative Expression Formulas:**
 - Presentation with a reference and without a reference.
 - Discussion and conclusion formulas.
- **Administrative Correspondence:**
 - Administrative letters, invitations, summons, sending schedules, telegrams.
- **Descriptive, Narrative, and Analytical Documents:**
 - Reports, minutes, case presentations.
- **Organizational Regulatory Texts:**
 - Decrees, decisions, resolutions.
- **Explanatory Administrative Texts:**
 - Circulars, instructions, guidelines, announcements.
- **Administrative Terminology.**
- **Electronic Communications via Email:**
 - Email as a modern communication tool within the organization.
 - Guidelines for professional email creation, including subject line, email body formatting for introduction, presentation, and conclusion.
 - Handling sent copies and confirming email receipt with an automatic signature.

Evaluation Method: Continuous assessment + Final exam, with the course grade determined by the weighted average of lessons (60%) and directed activities (40%).

References:

- برارمة ميلود. (2005). مميزات المراسلات والوثائق الإدارية، دار المعرفة، الجزائر 2005.
- بشير العلاق. (2018). الاتصال في المنظمات العامة. دار اليازوري، عمان، الأردن.
- رشيد حباني. (2017). دليل تقنيات التحرير الإداري والمراسلة. دار النجاح للكتاب والنشر والتوزيع الجزائر.
- عميش علي، رزاق لعربي، رشيد جيحيق. (2010). التحرير الإداري، سند تكويني موجه لفئات الإدارة، التسيير، المعهد الوطني لتكوين مستخدمي التربية وتحسين مستواهم، وزارة التربية الوطنية.
- المجلس الأعلى للغة العربية بالجزائر. (2006). دليل وظيفي في إدارة الموارد البشرية (مصطلحات ونماذج) التحرير الإداري. منشورات المجلس، رئاسة الحكومة الجزائرية.
- وهيبة غرارمي. (2012). دليل التحرير الإداري، ديوان المطبوعات الجامعية، الجزائر.
- Cajolet-Laganier Gerard, Collinge Helene , Laganier Pierre. (1997). La rédaction Technique, administrative, et scientifique. 3^{ème} édition. Edition laganière. Hélène.
- Ferrandis Yolande. (2019). La rédaction administrative en pratique. 6^{ème} édition. Eyrolles, France.
- Garnett, J. (Ed.). (1997). Handbook of administrative communication (Vol. 63). CRC Press.
- Kadyss Roselyne, Nishimata Aline. (2020). Rédiger avec succès lettres, e-mails et documents administratifs 11^{ème} édition. Gualino, Lextenso.
- Libaert Thierry, Westphalen Marie-Hélène. (2012). Communicator : toute la communication d'entreprise, 6^{ème} édition, Dunod.

Master : International Economy

Semester : the First

Unit : Exploratory Learning Unit

Code :E.L.U 1.1

Module : Customs Law

Credit : 02

Coefficient : 02

Objectives of learning :

Student's Introduction to the Importance of the Customs Sector in the Context of Trade Liberalization Mechanisms, Commercial Openness, and Laws Protecting the National Economy from Unlawful Trade Practices.

Prerequisite Knowledge: No prior knowledge is required.

Content of the Course:

1. Introduction to Customs Work
2. Customs Facilitation for Foreign Trade Operations and Methods of Managing Associated Risks
3. Customs Economic Systems
4. Customs Control Mechanisms for Combating Customs Fraud
5. Customs Violations and Offenses

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- 1- كلود ج. بار، مدخل في القانون الجمركي، دار ITCIS للنشر، 2009
- 2- سيواني عبد الوهاب، التهريب الجمركي و استراتيجيات التصدي له، رسالة ماجستير غير منشورة، جامعة الجزائر، 2005-2006

3- قانون الجمارك الجزائري 10-98

قانون رقم 17-05 مؤرخ في 29 ذي القعدة عام 1426 الموافق ل 31 ديسمبر سنة 2005 يتضمن الموافقة على الامر 05606 المؤرخ في 18 رجب عام 1426 الموافق ل 23 اوت سنة 2005 و المتعلق بمكافحة التهريب (وزارة العدل، قانون مكافحة التهريب)

Master : International Economy

Semester : the First

Unit : Horizontal Learning Unit

Code :M.L.U 1.1

Module : Specialized Foreign Language 1

Credit : 01

Coefficient : 01

Objectives of learning :

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

- Read, understand, analyse authentic material (texts referring to finance and economics) with teaching focused on the development of language skills for special purposes
- Become familiar with finance and economics vocabulary and possess the relevant skills to communicate effectively in professional settings, to deliver presentations and to participate in international conferences and events.
- Develop independent learning strategies.

Recommended prior knowledge

To successfully complete this course students are supposed to have at least an intermediate level in English, in addition to some knowledge of terminology in finance and economics.

Content of the Module :

1. Introduction to ICFE: this lecture covers

- Accuracy of accounts
- The balance sheet
- Accounting standards
- The image of accountants
- History accounting

Skills

Reading: Deducing missing words, word formation, retrieving specific information

Listening: Listening for gist, listening for detail.

Speaking: Responding to questions, collaborative discussions, mini-presentations

Writing: Improving writing skills, dealing with errors, email/report writing

2. The financial environment: this lecture covers

- Changes in International Accounting Standards
- Financial institutions
- Chartered accountancy
- Developments in accountancy
- Training to be a chartered accountant
- Statements of financial accounting concepts

Skills

Reading: Vocabulary guessing, deducing vocabulary from context

Listening: Listening to figures, listening for gist, listening to deduce opinions

Speaking: Opening presentations, talking about one's present job

Writing: Self-editing skills, letters of application, Curriculum vitae

3. Accounting Systems: this lecture covers

- Accounting Software
- Accounting qualifications
- Accounting interviews

Skills

Reading: Sequencing a text, speed reading, summarizing

Listening: Listening and note-taking, identifying speakers' opinions

Speaking: handling interview questions, delivering mini-presentations

Writing: Introduction to e-mail writing

4. Company Performance: this lecture covers

- Financial statements
- Company reporting
- Definition of accounting
- Accounts receivable
- Disclosure
- Big four accounting firms

- Investments
- The balance sheet
- Fund management

Skills

Reading: Text completion, word formation, vocabulary building

Listening: Listening for detail, listening and speaking

Speaking: Talking about your work style, presenting financial terms

Writing: Reports: planning your writing, accuracy

5. Auditing: this lecture covers

- Auditing reports
- Basic auditing principles
- European and US auditing principles
- Harmonisation of financial reporting
- Forensic Accounting
- Auditing interviews
- Recruitment of auditors

Skills

Reading: Finding the right word, reading topic sentences, scanning a text

Listening: Listening and sequencing, note taking

Speaking: Presenting a firm, discussing auditing issues

Writing : Writing accurately, presenting arguments

Assessment Method: Continuous assessment

References :

Mackenzie, I. (2006). Professional English in Use-Finance. Cambridge: CUP.

Mascull, B. (2005). Business Vocabulary in Use- Upper intermediate. Cambridge: CUP.

Pratten, J. (2009). Absolute Financial English. Malta: Melita Press.

Sweeney, S. (1997). English for business communication. Cambridge: CUP.

Master : International Economy

Semester : The Second

Unit : Fundamental Learning Unit

Code :F.L.U 1.2

Module : Deep International Finance

Credit : 05

Coefficient : 02

Objectives of learning :

The module allows for an in-depth study of concepts, theories, and mechanisms related to finance and international monetary relations

Prerequisite Knowledge:

The module requires prerequisites in several areas, including macroeconomics, monetary theory, and financial markets.

Content of the Module :

Course 1. Balance of payments

Basic concepts

Basic accounting recording principles

The main accounts of the balance of payments

The main balances of the balance of payments

Course 2. Foreign exchange market

Definitions of foreign exchange transactions and the foreign exchange market

Participants in the foreign exchange market

Exchange rate quotations

Market compartments

Behaviors in the foreign exchange market

Course 3. Exchange rate theories

Concepts related to the exchange rate

1.1. Spot exchange rate and forward exchange rate

1.2. Nominal exchange rate

1.3. Real exchange rate

Basic exchange rate theories

- 2.1. Purchasing power parity (PPP) theory
- 2.2. Monetary approach to the exchange rate
- 2.3. Interest rate parity theory (IRP)
- 2.4. Exchange rate and current account balance
- 2.5. Portfolio choice theory
- 2.6. Exchange rate overshooting theory

Course 4. The international monetary system

Key concepts

- 1.1. International monetary system (IMS)
- 1.2. International payments
- 1.3. Exchange rate regimes
- 1.4. International currency and reserve currency
- 1.5. International liquidity

Evolution of the IMS

- 2.1. Gold standard system
- 2.2. Gold-exchange standard system
- 2.3. Bretton Woods system
- 2.4. Post-Bretton Woods system (current hybrid system)

The main institutions

- 3.1. International Monetary Fund (IMF)
- 3.2. Bank for International Settlements (BIS)

Course 5. Exchange rate policy and regimes

Concepts

- 1.1. Exchange rate policy
- 1.2. Exchange rate regime
- 1.3. Exchange controls and convertibility

Exchange rate policy

- 2.1. Devaluation
- 2.2. Revaluation
- 2.3. Central bank interventions

Exchange rate regimes

- 3.1. Typology of exchange rate regimes
- 3.2. Advantages and disadvantages of different exchange rate regimes
- 3.3. De facto and de jure regimes

Course 6. Balance of payments adjustment

Adjustment of imbalances under fixed exchange rate regimes

- 1.1. Adjustment in the gold standard system
- 1.2. Adjustment in the Bretton Woods system

Adjustment of imbalances under floating exchange rate regimes

- 2.1. Absorption of external shocks
- 2.2. Effect on prices

Course 7. International Financial Markets

Definition and Role

Actors

- 2.1. Commercial Banks
- 2.2. Non-Bank Financial Institutions
- 2.3. Multinational Corporations
- 2.4. Central Banks
- 2.5. States
- 2.7. Market Index Providers and Rating Agencies

Typology

- 3.1. Stock Exchanges and Stock Indices
- 3.2. Euro Markets
- 3.3. Foreign Exchange Market
- 3.4. Derivatives Markets
- 3.5. International Debt Securities Markets

Course 8. Financial Globalization

Definition Elements

- 1.1. Economic Globalization
- 1.2. Financial Globalization

Factors Driving Financial Globalization

- 2.1. Economic Policy Factors
- 2.2. Technological Factors

2.3. Development of Real Interconnections

2.4. Financial Innovations

Measurement of Financial Globalization

3.1. Measurement Indicators

3.2. Components of Capital Movements

Financial Globalization Phenomenon in a Historical Perspective

4.1. Historical Precedent: First Wave of Globalization (1870-1914)

4.2. Current Wave of Financial Globalization (since the 1980s)

Effects of Financial Globalization

5.1. Positive Effects

5.2. Negative Effects

- **Assessment Method:** Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).
- **References :**
- Grubel, H. G., & Lloyd, P. J. (1975). Intra-industry trade: The theory and measurement of international trade in differentiated products. New York: John Wiley.
- Reinhart, C. M., & Rogoff, K. S. (2009). This time is different: Eight centuries of financial folly. Princeton University Press.
- Williamson, J. (1996). The evolution of global economic governance. In The political economy of globalisation (pp. 19-45). Palgrave Macmillan UK.

Master : International Economy

Semester : The Second

Unit : Fundamental Learning Unit

Code :F.L.U 1.2

Module : International Marketing

Credit : 05

Coefficient : 02

Objectives of learning :

The aim of this course is to introduce the student to the mechanisms and strategies of international marketing, especially in the context of economic globalization and the transformations of the global economic system.

Prerequisite knowledge :

The student needs prior knowledge of financial globalization and the new global economic system.

Content of the Module :

1. The nature of international marketing
 2. Company strategies for entering international markets
 3. Analysis of the international marketing environment
 4. Study of the international market
 5. Segmentation of international markets
 6. International product strategies
 7. International pricing strategies
 8. International promotion strategies
- International distribution strategies
 - International marketing research

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

Refernces :

- Cateora, P. R., Gilly, M. C., & Graham, J. L. (2019). International marketing (17th ed.). McGraw-Hill Education.
- Keegan, W. J., & Green, M. C. (2019). Global marketing (9th ed.). Pearson Education Limited.
- Hollensen, S. (2020). Global marketing: A decision-oriented approach (8th ed.). Pearson Education Limited.
- Onkvisit, S., & Shaw, J. J. (2020). International marketing: Strategy and theory (7th ed.). Routledge.
- Svend Hollensen (2014). Marketing Management: A Relationship Approach (2nd ed.). Pearson Education Limited.

Master : International Economy

Semester : The Second

Unit : Fundamental Learning Unit

Code :F.L.U 1.2

Module : International Production and Multinational Companies

Credit : 04

Coefficient : 02

Objecives of learning :

Understanding the reasons for the existence of multinational corporations, their characteristics, and their impact on the home country and host countries. Redrawing the international economic geography to maximize the profits of these companies and the world by optimizing the relative advantages of each country (such as raw materials and labor). (Raw materials, workforce)
Understanding the reasons for the existence of multinational corporations and their nature, their impact on the home country and host countries, understanding the motives for international production, etc

Prerequisite knowldege :

To understand this material, the student should have studied an introductory course in international business management, with a focus on the importance and role of multinational corporations in the global economy

Content of the Module :

1. Nature of multinational corporations
2. Motives for international production
3. Theories of foreign direct investment: Hymer-Dunning-Matthews J. Mathews (LLL)-(OLI)-J. Dunning, S. Hymer
4. The Scandinavian School
5. The new theory of international trade and multinational corporations.

6. Strategic challenges of multinational corporations.

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

Refernces :

- J-L, Mucchielli and T, Mayer, *Multinational Firms' Location and the New Economic Geography*, Edward Elgar Publishing, London, 2004.
- Paul Krugman, Maurice Obstfeld, and Marc Melitz, *International Economics: Theory and Policy*, 11th Edition, Pearson, 2018.
- Dominick Salvatore, *International Economics*, 11th Edition, Wiley, USA, 2013.

Master : International Economy

Semester : The Second

Unit : Fundamental Learning Unit

Code :F.L.U 1.2

Module : input+output analysis

Credit : 04

Coefficient : 02

Objectives of learning :

The objective of studying this course is to deepen the student's knowledge of input-output analysis

Prerequisite knowledge :

Knowledge acquired in the fields of economic mathematics and national accounting.

Content of the Module :

Chapter 1: General framework of input-output tables

Chapter 2: Building the input-output model

Chapter 3: Study and analysis of the technical coefficients matrix

Chapter 4: Development of input-output tables

Chapter 5: Dynamic input-output model

.Chapter 6: Predicting the structure of the national economy using input-output tables

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- Roland E. Miller & Peter D. Blair, Input Output Analysis Foundations and Extensions, CAMBRIDGE University Press, New York, 2009

-Thijs Ten Raa, The economics of Input Output analysis, CAMBRIDGE University Press, Cambridge, 2006

Master : International Economy

Semester : The Second

Unit : Methodological Learning Unit

Code :M.L.U 1.2

Module : Advanced Econometrics

Credit : 05

Coefficient : 02

Objecives of learning :

Understanding various concepts related to advanced econometrics and the most important methods for estimation and analysis of advanced econometric models (for qualitative variables, non-linear models, and panel data).

Acquiring skills that allow him to:

Conduct standard modeling for qualitative variables

Conduct standard modeling based on non-linear models

Conduct standard modeling for panel data.

Prerequisite knowledge :

Mastery of mathematics, especially linear algebra and matrices, partial and general equilibrium economics, statistics and all its branches, econometrics 1, econometrics 2, dynamic econometrics, time series analysis 1, and time series analysis 2.

Content of the Module :

Axis 1: Non-linear models

Axis 2: Panel data models

Axis 3: Advanced panel data models

Axis 4: Standard modeling for qualitative variables

Axis 5: Practical examples using statistical software.

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

Refernces :

Badi H. Baltagi (2005), « Econometric Analysis of Panel Data », Third Ed, John Wiley and Sons Ltd, .England

- Christophe Hurlin (2006), Valérie Mignon, « une synthèse des tests de cointégration sur données de panel », Université d'Orléans, France.
- David F. Hendry (1995), « Dynamic Econometrics », Oxford University Press, US.
- Jack Johnston, John Dinardo (1996), «Econometric methods », 4th Edition, McGraw-Hill, US.
- William H. Greene (2012), «Econometric analysis », 7th Edition, Pearson, New York, US.

Master : International Economy

Semester : The Second

Unit : Methodological Learning Unit

Code :M.L.U 1.2

Module : Master's Thesis Preparation Methodology

Credit : 04

Coefficient : 02

Objectives of learning :

This course aims to guide the student, an entrepreneur with a project idea, through the necessary steps for preparing a project memorandum. This involves cultivating practical and logical thinking towards the various elements of constructing a graduation project, starting from defining the problem and concluding with the proper academic documentation of research results. The steps to be followed in the business plan and project study are also outlined.

Prerequisite Knowledge: To effectively engage with the content of this course, students are expected to have a solid understanding of the methodology and entrepreneurship fundamentals (second year of bachelor's degree) and the graduation project course (third year of bachelor's degree).

Course Content:

- Axis 1: Project Problematic - Identifying the Problem, Need, and Market Requirements through the use of Design Thinking tools.
- Axis 2: Identifying the Target Audience - Who is the Customer?
- Axis 3: Determining the Proposed Value for the Customer - Understanding the Customer's Needs.
- Axis 4: Determining the Operational Structure - Outlining the Steps of Product Production.
- Axis 5: Financial Study of the Project - Establishing Cost and Profit Structures.
- Axis 6: Identifying the Enterprise Environment - PESTEL and Porter's 6 Forces Analysis.
- Axis 7: Designing the Initial Model - From Scratch to Prototyping.
- Axis 8: Determining the Minimum Viable Product (MVP).

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- أوما سيكاران، (2006)، طرق البحث في الإدارة، مدخل لبناء المهارات البحثية، تعريب: اسماعيل علي بسيوني، دار المريخ للنشر، المملكة العربية السعودية.

- إبراهيم بختي. (2015). الدليل المنهجي لاعداد البحوث العلمية (المذكرة، الأطروحة، التقرير، المقال) وفق طريقة IMRAD، كلية العلوم الاقتصادية والعلوم التجارية وعلوم التسيير، جامعة قاصدي مرباح ورقلة.
- أحمد بدر. (1998). أصول البحث العلمي ومناهجه. وكالة المطبوعات. الطبعة الرابعة، الكويت.
- حسن ملحم. (1993). التفكير العلمي والمنهجية. مطبعة دحلب، الجزائر.
- زرواتي رشيد. (2007). مناهج وأدوات البحث العلمي في العلوم الاجتماعية. ط1. دار الهدى، عين مليلة، الجزائر.
- محسن أحمد الخضيرى. (1996). الأسس العلمية لكتابة رسائل الماجستير والدكتوراه. مكتبة الأنجلو المصرية، مصر.
- Bougie, R., & Sekaran, U. (2019). Research methods for business: A skill building approach. John Wiley & Sons.
- Creswell, J. W. (2014). Research design: Qualitative, quantitative, and mixed methods approaches (4th ed.). Sage Publications.
- Field, A. (2013). Discovering statistics using IBM SPSS statistics (4th ed.). Sage Publications.
- Frenay, M., & Romainville, M. (2013). L'accompagnement des mémoires et des thèses : Presses universitaires de Louvain.

The Second Form (Classical Master's Thesis)

Objectives of the Course:

This course aims to familiarize the student, who is working on a graduation thesis, with the necessary steps for its preparation. This involves cultivating a scientific and logical approach towards the various elements of constructing a research thesis, starting from defining the problem and formulating hypotheses to documenting research results accurately.

Prerequisite Knowledge:

To effectively engage with the content of this course, students are expected to have a solid understanding of research methodology (second year of bachelor's degree) and the graduation project course (third year of bachelor's degree).

Course Content:

- **Scientific Research Methodology:**
 - o Review of basic principles (meaning of research, definitions, research objectives, motivation in research, general characteristics of good research, types of research, specificity of research in economic and administrative sciences).

- **Scientific Research Problem:**
 - Scientific thinking, understanding the research problem, choosing the problem, sources of the problem, problem identification, problem evaluation.
- **Literature Review:**
 - Meaning of literature review, need for literature review, objectives of literature review, literature sources, functions of literature, how to conduct a literature review.
- **Building Research Hypotheses:**
 - Meaning of hypothesis, definitions, nature, functions, importance, types, characteristics of good hypotheses, variables in hypotheses, study model identification, hypothesis formulation, hypothesis testing.
- **Data Collection Methods:**
 - Conducting surveys and questionnaires, interviews, observation, document analysis, archival research.
- **Sampling Selection:**
 - Meaning and definition of the sample, sampling methods, characteristics of a good sample, sample size.
- **Citation and Documentation in Scientific Research:**
 - Proper use of citations and references.
- **Data Analysis Techniques:**
 - Quantitative data analysis (descriptive statistics, inferential statistics, regression analysis).
 - Qualitative data analysis (thematic analysis, content analysis).
 - Mixed methods research approaches.
- **Structure and Organization of Research Introduction:**
 - Presenting the study background and identifying the research gap, presenting the importance and objectives of the study.
- **Citation, Plagiarism, and Reference Usage.**
- **Structure and Organization of Research Methodology Framework:**
 - Describing research design procedures, sample, and data collection, presenting data analysis plan.
- **Structure and Organization of Research Results Presentation and Discussion:**
- **Structure and Organization of Research Conclusion:**
- **Editing and Documentation in APA Style:**
 - Editing research, references, tables, figures, appendices.
- **Presentation and Public Speaking Techniques.**

-

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- إبراهيم بختي. (2015). الدليل المنهجي لاعداد البحوث العلمية (المذكرة، الأطروحة، التقرير، المقال) وفق طريقة IMRAD. كلية العلوم الاقتصادية والعلوم التجارية وعلوم التسيير، جامعة جامعة قاصدي مرباح ورقلة.
- أحمد بدر. (1998). أصول البحث العلمي ومناهجه. وكالة المطبوعات. الطبعة الرابعة، الكويت.
- حسن ملحم. (1993). التفكير العلمي والمنهجية. مطبعة دحلب، الجزائر.
- زرواتي رشيد. (2007). مناهج وأدوات البحث العلمي في العلوم الاجتماعية. ط1. دار الهدى، عين مليلة، الجزائر.
- محسن أحمد الخضيرى. (1996). الأسس العلمية لكتابة رسائل الماجستير والدكتوراه. مكتبة الأنجلو المصرية، مصر.
- Creswell, J. W. (2014). Research design: Qualitative, quantitative, and mixed methods approaches (4th ed.). Sage Publications.
- Field, A. (2013). Discovering statistics using IBM SPSS statistics (4th ed.). Sage Publications.
- Frenay, M., & Romainville, M. (2013). L'accompagnement des mémoires et des thèses : Presses universitaires de Louvain.
- Gavard-Perret, M.-L., Gotteland, D., Haon, C., Aubert, B., & Jolibert, A. (2012). Méthodologie de la recherche en sciences de gestion : Réussir son mémoire ou sa thèse : Pearson.
- Neuman, W. L. (2013). Social research methods: Qualitative and quantitative approaches (7th ed.). Pearson.
- Saunders, M., Lewis, P., & Thornhill, A. (2019). Research methods for business students (8th ed.). Pearson.
- Sekaran, U., & Bougie, R. (2016). Research methods for business: A skill building approach (7th ed.). Wiley.
- Silverman, D. (2016). Doing qualitative research: A practical handbook (4th ed.). Sage Publications.

Master : International Economy

Semester : The Second

Unit : Exporatory Learinig Unit

Code :E.L.U 1.2

Module : Negotiation and Economic Diplomacy

Credit : 02

Coeficient : 02

Objectives of learningig :

The specific objectives of the course include:

- Understanding the foundations of negotiation and economic diplomacy.
- Acquiring practical skills in negotiation, communication, and conflict resolution.
- Examining different negotiation approaches and strategies used by state and non-state actors.
- Studying the legal, political, and cultural aspects related to negotiation and economic diplomacy.
- Understanding key institutional frameworks and international organizations involved in economic negotiations.

Prerequisite knowledge :

- Basic understanding of economic principles and theories of international trade.
- Proficient oral and written communication skills in English.
- General knowledge of international institutions and international relations.

Content of Module :

1. Introduction to negotiation and economic diplomacy

- Definitions, concepts, and significance
- Differences between commercial and diplomatic negotiation
- Roles of state and non-state actors

2. Theories and approaches to negotiation

- Major theories of international negotiation
- Competitive and collaborative approaches
- Communication and persuasion techniques

3. Institutional frameworks and international organizations

- Role of international institutions in economic negotiation
- Case studies on organizations such as WTO, OECD, etc.
- Analysis of international agreements and protocols

4. Legal, political, and cultural aspects of negotiation

- Legal framework for international trade negotiations
- Analysis of political and cultural factors influencing negotiations
- Managing cultural differences and political obstacles

5. Negotiation and economic diplomacy skills

- Planning and preparation for international negotiations
- Conflict resolution and compromise techniques
- Case studies and negotiation simulations

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- Fisher, R., Ury, W., & Patton, B. (2011). *Getting to Yes: Negotiating Agreement Without Giving In* (3rd ed.). Penguin Books.
- Lewicki, R. J., Barry, B., & Saunders, D. M. (2015). *Negotiation* (7th ed.). McGraw-Hill Education.
- Cohen, R., & Bercovitch, J. (Eds.). (2017). *The Handbook of Mediation and Conflict Resolution*. Wiley-Blackwell.
- Calvet, B., & Richmond, O. (Eds.). (2016). *Routledge Handbook of Diplomacy and Statecraft*. Routledge.
- DeSeve, M. (2014). *The Challenge of Negotiation: An Introduction to Strategic Thinking*. Prentice Hall.

- Malhotra, D., & Bazerman, M. H. (2007). Negotiation Genius: How to Overcome Obstacles and Achieve Brilliant Results at the Bargaining Table and Beyond. Bantam.

Master : International Economy

Semester : The Second

Unit : Horizontal Learning Unit

Code :H.L.U 1.2

Module : Specialized foreign language

Credit : 01

Coefficient : 01

Objectives of learning :

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

- Read, understand, analyse authentic material (texts referring to finance and economics) with teaching focused on the development of language skills for special purposes
- Become familiar with finance and economics vocabulary and possess the relevant skills to communicate effectively in professional settings, to deliver presentations and to participate in international conferences and events.
- Develop independent learning strategies.

Recommended prior knowledge

To successfully complete this course students are supposed to have at least an intermediate level in English, in addition to some knowledge of terminology in finance and economics.

Content

1. Ethics: this lecture covers

- Accounting ethics
- Ethical reporting principles
- Ethical dilemmas
- Sarbanes-Oxley Act
- Training in ethics for accountants
- Changes to ethics standards
- Accounting abbreviations

Skills

Reading: Ordering a text, predicting unknown words, forming words

Listening: Note-taking, speed listening, listening for detail

Speaking: Discussing ethics, answering questions, ending presentations

Writing: Writing an auditor's report, sequencing reports

2. Fraud

- Fraudulent activities in accounting
- Famous fraudsters
- Changes in accounting law
- Corporate fraud
- Forensic accounting investigations
- Tax avoidance

Skills

Reading: Sequencing a text, word formation, identifying topic sentences

Listening: Listening for gist, listening and speaking

Speaking: Asking for clarification, presenting and explaining information

Writing: Paraphrasing, writing short report, reporting results

3-Banking: this lecture covers

- Financial reporting of central banks
- Role of banks
- Auditing of banks
- Central bank response to crisis
- The credit crunch
- Banking supervision
- Accounting standards and procedures

Skills

Reading: Sequencing a text, matching phrases in a text

Listening: Listening for detail, note-taking, identifying topics and opinions

Speaking: Presenting opinions, discussing banking topics

Writing: Accuracy, writing mini-compositions, reporting results

4-Insurance: this lecture covers

- Common insurance terms
- Insurance contracts
- Reinsurance
- General principles of insurance accounting
- International financial reporting standard for insurance contracts
- Captive insurance companies
- Financial stability of the insurance industry
- The regulatory framework of insurance

Skills

Reading: Sequencing a text, word formation, completing a text.

Listening: Listening for implied meaning, identifying opinions, note-taking

Speaking: Discussing insurance scenarios, reporting insurance news

Writing: Writing emphatically, persuasive e-mails, linking sentences

05-Bankruptcy: this lecture covers

- Language of bankruptcy
- The WorldCom bankruptcy
- The bankruptcy process
- Crisis in corporate government
- Role of insolvency practitioners
- Debt management
- Alternatives to bankruptcy

Skills

Reading: Guessing meaning, predicting content, matching missing sentences

Listening: Listening for detail, listening to identify topics

Speaking: Talking about insolvency, bankruptcy presentations

Writing: Sequencing letters in e-mails, word formation

Assessment Method: Continuous assessment

References :

Mackenzie, I. (2006). Professional English in Use-Finance. Cambridge: CUP.

Mascull, B. (2005). Business Vocabulary in Use- Upper intermediate. Cambridge: CUP.

Pratten, J. (2009). Absolute Financial English. Malta: Melita Press.

Sweeney, S. (1997). English for business communication. Cambridge: CUP.

Master : International Economy

Semester : The Third

Unit : Fundamental Learning Unit

Code :F.L.U 1.2

Module : Blockchain and International Trade

Credit : 05

Coefficient : 02

Objectives of learning :

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

- Understand the fundamental concepts and principles of blockchain technology.
- Analyze the challenges and opportunities of applying blockchain in international trade.
- Evaluate the impact of blockchain on key areas of international trade, such as supply chain transparency, authentication, and trust.
- Explore the legal and regulatory considerations related to blockchain implementation in global commerce.

Prerequisite knowledge :

Students enrolling in this course are expected to have:

- A solid understanding of basic computer science concepts.
- Familiarity with the fundamentals of cryptography and data security.
- Knowledge of international trade principles, including trade finance, logistics, and supply chain management.

Content of the Module :

1. Blockchain definition and key principles
2. Blockchain and supply chains

3. Blockchain and international financial transaction settlement mechanisms
4. Blockchain and digital currencies
5. Impact of blockchain on international trade
6. Impact of blockchain on retail and e-commerce
7. Challenges of using blockchain
8. Steps for developing a blockchain project

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- Md. Nur Alam Siddik & Sajal Kabiraj & Md. Emran Hosen & Md. Firoze Miah, 2021. "Blockchain Technology and Facilitation of International Trade: An Empirical Analysis," FIIB Business Review, , vol. 10(3), pages 232-241
- European Parliament (2020), Blockchain for supply chain and international trade, European Parliamentary Research Service.
- Ayan, Büşra, Elif Güner, and Semen Son-Turan. 2022. "Blockchain Technology and Sustainability in Supply Chains and a Closer Look at Different Industries: A Mixed Method Approach" Logistics 6, no. 4: 85.

Master : International Economy

Semester : The Third

Unit : Fundamental Learning Unit

Code :F.L.U 1.2

Module : International Economic and Financial Crises

Credit : 05

Coefficient : 02

Course Objectives:

- Understand the nature and characteristics of economic and financial crises on a global scale.
- Analyze the causes and triggers of economic and financial crises, including both exogenous and endogenous factors.
- Examine the transmission mechanisms through which crises spread across countries and financial markets.
- Evaluate the impact of economic and financial crises on key macroeconomic variables, such as GDP growth, inflation, unemployment, and income distribution.

Prerequisite knowledge :

Students are expected to have the following prerequisites:

- A solid understanding of microeconomics and macroeconomics principles.
- Knowledge of basic econometric techniques and statistical analysis.
- Familiarity with financial markets and instruments, including stocks, bonds, and derivatives.

Content of the Module :

Course 1. Cycles and Crises

- Cycles and fluctuations
- The theory of economic cycles
- The economic crisis
- Economic repercussions of crises

Course 2. Typology of Financial Crises and Triggering Mechanisms

- Definitions of financial crisis
- Typology of financial crises
- Triggering mechanisms of financial crises

Course 3. Systemic Risk

- Definition of systemic risk
- Approaches to explaining systemic crises
- Critical role of the banking sector in the systemic crisis

Course 4. Speculation and Currency Crises

- Speculative attacks on exchange rates
- First-generation models
- Second-generation models
- Third-generation models

Course 5. Dynamics of International Contagion of Financial Crises

- Definition of financial contagion
- Levels of financial contagion
- International financial contagion and external shocks

Course 6. Channels of International Contagion

- Fundamental links (Non-contingent theories of crises)
- Transmission mechanisms in contingent theories of crises

Course 7. Effects, Prevention, and Resolution of Crises

- Economic effects of financial crises
- Measures for preventing crises
- Crisis resolution and the role of multilateral institutions

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- Reinhart, C. M., & Rogoff, K. S. (2009). *This Time Is Different: Eight Centuries of Financial Folly*. Princeton University Press.
- Kindleberger, C. P., & Aliber, R. Z. (2011). *Manias, Panics, and Crashes: A History of Financial Crises* (7th ed.). Palgrave Macmillan.
- Mishkin, F. S. (2015). *The Economics of Money, Banking, and Financial Markets* (11th ed.). Pearson.
- Kaminsky, G. L., & Reinhart, C. M. (1999). The Twin Crises: The Causes of Banking and Balance-of-Payments Problems. *American Economic Review*, 89(3), 473-500.

Master : International Economy

Semester : The Third

Unit : Fundamental Learning Unit

Code : F.L.U 1.2

Module : Global Value Chains

Credit : 04

Coefficient : 02

Course Objectives:

- To understand the concept of international value chains and their role in global business operations.
- To analyze the drivers and determinants of international value chain configurations.
- To explore the strategic implications of international value chains for firms operating in a global marketplace.

Prerequisite knowledge :

Students are expected to have a solid knowledge on:

- Microeconomics and Macroeconomics
- International Business

Content of the Module :

1. Introduction to International Value Chains

- Definition and components of value chains
- Types of value chains: global, regional, and local
- Value chain activities and their interdependencies

2. Global Value Chain Analysis

- Drivers and determinants of global value chain configurations
- Governance structures and coordination mechanisms
- Upstream and downstream activities in global value chains

3. Value Chain Design and Configuration

- Value chain optimization and reconfiguration strategies
- Location and network decisions in international value chains
- Outsourcing, offshoring, and reshoring considerations

4. Managing International Value Chains

- Risk management in global value chains
- Supplier relationship management
- Sustainability and ethical considerations

5. Technology and Innovation in International Value Chains

- Digital transformation and its impact on value chains
- Industry 4.0 and the Internet of Things (IoT) in global operations
- Innovation and value chain disruptions

6. Future Trends and Challenges

- Emerging trends in international value chains
- Trade policy and geopolitical influences
- Resilience and agility in global value chains

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- Kaplinsky, R., & Morris, M. (2002). A Handbook for Value Chain Research. Institute of Development Studies.
- Van Tulder, R., & Verbeke, A. (Eds.). (2018). The Governance of Global Value Chains: Unresolved Human Rights, Environmental, and Ethical Dilemmas in the Apple Supply Chain. Taylor & Francis.

- Gereffi, G. (2018). Global Value Chains: Development Challenges and Policy Options. World Trade Organization.
- Gereffi, G., & Fernandez-Stark, K. (2016). Global Value Chain Analysis: A Primer. Center on Globalization, Governance & Competitiveness, Duke University.

Master : International Economy

Semester : The Third

Unit : Fundamental Learning Unit

Code : F.L.U 1.2

Module : General Equilibrium Models

Credit : 04

Coefficient : 02

Course Objectives:

- Understand the fundamental principles of general equilibrium models in economics.
- Acquire an in-depth knowledge of key concepts used in general equilibrium models.
- Be able to analyze and evaluate the economic effects of different economic policies using these models.
- Develop skills in economic modeling and interpretation of results.

Prerequisite knowledge :

- Solid understanding of microeconomics and macroeconomics.
- Proficiency in mathematics applied to economics, including linear algebra and differential calculus.

Content of the Module :

Axis 1: Economic Analysis Using Computable General Equilibrium Models.

Axis 2: General Framework of the Computable General Equilibrium Model.

Axis 3: Simplified Computable General Equilibrium Model.

Axis 4: Social Accounting Matrix.

Axis 5: Calibration and Accounting Strategy in General Equilibrium Models.

Axis 6: Typical Applied General Equilibrium Model.

Axis 7: Closure of the Applied General Equilibrium Model.

Axis 8: General Equilibrium Simulation.

Axis 9: Translation of Simulation Results.

Axis 10: Expansion of the Applied General Equilibrium Model..

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

Refernces :

- Debreu, G. (1983). Theory of Value: An Axiomatic Analysis of Economic Equilibrium. Yale University Press.
- Benassy, J. P. (2011). Macroeconomic Theory. Oxford University Press.
- Romer, D. (2018). Advanced Macroeconomics. McGraw-Hill Education.
- Prescott, E. C., & Lucas, R. E. (1991). Recursive Methods in Economic Dynamics. Harvard University Press.
- Ljungqvist, L., & Sargent, T. J. (2012). Recursive Macroeconomic Theory. MIT Press.

Master : International Economy

Semester : The Third

Unit : Methodological Learning Unit

Code : M.L.U 1.2

Module : Techniques of International Trade Finance

Credit : 05

Coefficient : 02

Course Objectives:

- To familiarize students with the fundamental concepts and principles of international trade financing.
- To provide an overview of the key participants and institutions involved in international trade finance.
- To develop an understanding of the different types of trade finance instruments and their applications.
- To explore the techniques and tools used in managing the financial risks associated with international trade.

Prerequisite Knowledge :

Student must have prior knowledge about: international trade, financial management, financial risk management.

Content of the Module :

1. Introduction to International Trade Financing

- Definition and importance of trade finance
- Role of trade finance in global commerce
- Key participants in international trade finance

2. Trade Finance Instruments

- Letters of credit (LC)
- Documentary collection

- Forfeiting and factoring
 - Export credit insurance
- ### 3. Financial Risk Management in International Trade

- Identification and assessment of financial risks
- Currency risk and foreign exchange management
- Credit risk and credit management techniques
- Country and political risk considerations
- Mitigation strategies for financial risks

4. International Payment Systems

- Overview of international payment methods
- Documentary credit process and procedures
- Electronic fund transfers and online payment systems
- Payment terms and conditions in international trade

5. Trade Finance and Supply Chain Financing

- Financing options for importers and exporters
- Working capital management in international trade
- Supply chain finance models and techniques
- Trade finance in the context of global value chains

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- Luk, KW. (2011). International Trade Finance: A Practical Guide (2nd ed.). City University of Hong Kong Press.
- Grath, A. (2021). The Handbook of International Trade and Finance (4th ed.). Kogan Page.
- Malaket, AR. (2014), Financing Trade and International Supply Chains. Routledge.

Master : International Economy

Semester : The Third

Unit : Methodological Learning Unit

Code : M.L.U 1.2

Module : Export Strategies

Credit : 04

Coefficient : 02

Course Objectives:

- To understand the theories and concepts related to international trade and export strategies.
- To analyze the importance of export strategies for organizations operating in a globalized business environment.
- To examine various market entry modes and their implications for exporting firms.
- To explore the role of market research and analysis in developing effective export strategies.
- To understand the legal, cultural, and logistical considerations involved in international trade.

Prerequisite Knowledge :

Students must have prior knowledge of :

- Business and management principles.
- International business concepts and theories.
- Marketing principles and strategies.

Content of the Module :

1. Introduction to Export Strategies

- Overview of international trade and its importance
- Key terms and concepts in export strategies
- Evolution of global markets and changing dynamics

2. Market Research and Analysis

- Understanding market research methods and techniques
- Assessing market potential and demand
- Analyzing competition and identifying target markets

3. Export Market Entry Modes

- Different modes of entry: exporting, licensing, joint ventures, etc.
- Evaluating the pros and cons of each entry mode
- Selecting the appropriate entry mode based on the firm's resources and objectives

4. Export Planning and Strategy Development

- Crafting an export plan: objectives, target markets, and positioning
- Developing pricing and distribution strategies
- Creating promotional campaigns for international markets

5. Legal and Regulatory Considerations

- International trade laws and regulations
- Intellectual property protection and licensing agreements
- Understanding trade barriers and tariff systems

6. Cultural and Logistical Challenges

- Cultural factors affecting international business negotiations
- Managing cross-cultural teams and relationships
- Logistics and supply chain considerations for exporting

7. Risk Management and Financing

- Identifying and mitigating export risks
- Financing options for international trade
- Export documentation and payment methods

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

References :

- Albaum, G., Duerr, E., & Strandskov, J. (2016). International Marketing and Export Management. Pearson.
- Daniels, J. D., Radebaugh, L. H., & Sullivan, D. P. (2018). International Business: Environments and Operations. Pearson.
- Keegan, W. J., & Green, M. C. (2017). Global Marketing. Pearson.
- Morschett, D., Schramm-Klein, H., & Zentes, J. (2015). Strategic International Management: Text and Cases. Springer.
- Root, F. R., & Visudtibhan, K. (2019). Exporting: The Definitive Guide to Selling Abroad Profitably. Routledge.

Master : International Economy

Semester : The Third

Unit : Exploratory Learning Unit

Code : E.L.U 1.2

Module : Customs procedures

Credit : 02

Coefficient : 02

Course Objectives:

Introduce students to the concept of customs operations and their role in international trade. Provide in-depth knowledge and understanding of laws and regulations related to customs and international trade. Enable students to comprehend and apply fundamental customs procedures and practices.

Prerequisite Knowledge: International trade rules, customs law.

Course Content:

1. Introduction to Customs Operations
 - Definition of customs operations and their significance in the international context.
 - Types of customs and different international trade systems.
 - Legal and regulatory frameworks for customs and international trade.
2. Basic Customs Procedures
 - Customs procedures for import and export.
 - Classification of goods and customs tariffs.
 - Required customs documents for customs operations.
3. Customs Analysis and Assessment
 - Analysis of customs risks and measures to counter customs evasion.
 - Assessment of customs value and related customs duties.
 - Customs controls for prohibited and restricted products.
4. Modern Developments in Customs Operations
 - International agreements related to customs and free trade.
 - Utilization of technology in customs operations.

Assessment Method: Continuous assessment + final exam, with the course grade measured by the weighted average of lessons (60%) and guided activities (40%).

Refernces :

- محمد عباس حمزى، اقتصادايت اجلباية والرضائب، دار هومة للنرش والتوزيع، اجلزائر، 2010.
- قانون رقم 04 17 مؤرخ في 19 جمادى الأولى عام 1438 الموافق ل 16 فبراير سنة 2017 يعدل ويتم القانون رقم 79-07 مؤرخ في 26 شعبان عمام 1399 الموافق ل 21 يوليو سنة 1979 المتضمن قانون الجمارك.
- World Customs Organization. (2020). Transit Handbook. WCO Publications.
- World Bank. (2013). Customs Modernization Handbook. World Bank Publications.

Master : International Economy

Semester : The Third

Unit : Horizontal Learning Unit

Code : H.L.U 1.2

Module : Statistical software

Credit : 02

Coefficient : 02

Course Objectives:

- Learn how to navigate the software through importing data, creating charts, and performing analysis.
- Understand simple and multiple linear regression estimation and interpret the outputs.
- Identify and address measurement problems in regression models.
- Familiarize with fundamental concepts related to time series analysis.

Prerequisite Knowledge:

Basic computer skills, theoretical aspects of standard economics, and time series analysis.

Course Content:

1. First Axis: Introduction to Eviews Software
 - Overview and basic functionalities of Eviews software.
2. Second Axis: Simple Linear Regression
 - Understanding and application of simple linear regression.
3. Third Axis: Multiple Linear Regression
 - Exploration of multiple linear regression.
4. Fourth Axis: Autocorrelation of Errors
 - Tests for detecting autocorrelation, addressing autocorrelation issues.
5. Fifth Axis: Linear Multicollinearity
 - Tests for detecting linear multicollinearity, addressing multicollinearity issues.
6. Sixth Axis: Heteroscedasticity
 - Tests for detecting heteroscedasticity, addressing heteroscedasticity issues.
7. Seventh Axis: Tests for Randomness
 - Exploring tests for randomness.
8. Eighth Axis: Seasonal Adjustment
 - Detection and methods for seasonal adjustment.
9. Ninth Axis: Autocorrelation Functions (ACF) and Partial Autocorrelation Functions (PACF)
 - Understanding ACF and PACF functions.
10. Tenth Axis: Stability Tests
 - Exploring tests for stability in time series data.
11. Eleventh Axis: Box-Jenkins Methodology
 - Introduction to the Box-Jenkins methodology for time series analysis.

Assessment Method: Continuous assessment

Refernces :

- Bourbonnais R. (2010), Analyse des séries temporelles, Dunod.
- Asteriou D., Hall SG. (2011), Applied econometrics, Palgrave Macmillan.
- السواعي خ.م. (2012) أساسيات القياس الاقتصادي. دار الكتاب الثقافي للنشر و التوزيع. الأردن
- Chris Brooks and Robert Wichmann (2019),EViews Guide to Accompany Introductory Econometrics for Finance, Cambridge University Press
- عمار حمد خلف (2015)، تطبيقات القياس الاقتصادي باستخدام برنامج EViews، ط1، دار الدكتور للعلوم الادارية والاقتصادية والعلوم الأخرى، بغداد، العراق.

Sememter : the fourth

Learning Unit : fundamental

Module : A field study completed by a master's thesis that discusses

Credit : 30

Coeficient : 04

Learning type : in presence + online

Assesment Method: Continuous assessment

IV -Contacts/ Conventions

It must be logical, relevant to the training, and within its field, and it should adhere to receiving students

(mandatory field)

V - A short curriculum vitae (CV)

for each individual in the pedagogical team involved in the training in the
specialization

(internal and external supervision)

according to the attached model.

Short form of CV

nickname:Iman Naamoun

Date and place of birth: May 8, 1984 in Shalghoum El Eid, Mila Province

Email and phone:imane.namoune@univ-biskra.dz

Rank: Professor Lecturer A

Original institution: Faculty of Economic, Commercial and Management Sciences at the University of Biskra

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.)

- Bachelor of Economic Sciences, specializing in Finance, Money and Banking, 2005, University of Constantine
- Master's degree in Industrial Economics, 2011, University of Biskra
- Doctorate in Economic Sciences 2018 at the University of Biskra

Professional pedagogical competencies (school subjects...etc.):

1- Stock market and capital markets techniques

1- History of economic facts

2- Microeconomics 1 + 2

3- International marketing

4- Industrial economy

5- Enterprise economics

nShort form of CV

nickname: Muhammad Adnan bin Al-Deif

date and place of birth: December 6, 1979, Bou Saada, M'Sila Province

Email and phone: a.benddif@univ-biskra.dz 06.61.71.33.43

Rank: Professor of higher education

Original institution: Faculty of Economic, Commercial and Management Sciences,

University of Biskra

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.)

- Bachelor's degree in Economics, specializing in Finance, Money and Banking, from the University of Mohamed Kheidar - Biskra - Faculty of Economics and Management on July 12, 2005.
- Master's degree in economic sciences, specializing in money and finance, from the Faculty of Economic, Commercial and Management Sciences - Department of Economics - Mohamed Khidir University, Biskra - on June 17, 2008
- Doctorate degree in economic sciences

Professional pedagogical competencies (school subjects...etc.):

- Monetary theories and policies
- Financing sustainable development
- Globalization of capital markets
- Financial mathematics

- **Stock financing techniques:**
- **History of economic thought**
- **International finance**
- **financial markets**
- **Algerian financial and banking system**
- **Evaluate and select investments**

Short form of CV

nickname:Hamrit Rasheed

Date and place of birth: 08/28/1962

Email and phone:

rachid.hamrit@univ-biskra.dz

07-90-88-67-02

Rank:Professor Lecturer -A-

Original institution: Faculty of Economic, Commercial and Management Sciences.

Certificates:

- Bachelor of Science in Finance and Accounting at the Higher School of Commerce in Algiers, June 1989.
- Bachelor's degree in Translation, Faculty of Arts and Languages, Mohamed Kheidar University, Biskra, 07/06/2008.
- Master's degree in economic sciences, specializing in economic analysis, University of Algiers, Al-Kharouba Annex, 2002.
- Doctorate degree in Economic Sciences, Mohamed Khaidr University, Biskra, May 2014.

Professional pedagogical competencies (school subjects...etc.):

- Collection techniques (accounting and taxes) in 2002-2007
- Collection of the institution (economics and management of the institution) for the year 2002-2007
- Political economy (political science) in 2007-2008
- Public Finance (Political Sciences) 2007-2008

- Financial legislation (rights) for the year 2007-2008
- Seminar in Accounting (Finance and Accounting Department) in 2007-2008
- Accounting audit (Finance and Accounting Department) in 2007-2008
- Forum on Financial and Monetary Institutions (Political Sciences) 2008-2009
- Economic Reforms Forum (Political Sciences) 2008-2009
- Descriptive statistics (political science) for the year 2010-2011
- Operations research (quantitative studies in political science) in 2010-2011
- Public Finance (Political Science) 2011-2012
- Project evaluation and program monitoring (political science) 2012-2013
- Quantitative methods (political science) 2013-2014
- Statistics and its applications (political science) 2014-2015
- Political Economy (Political Science) 2014-2015
- Communication and administrative editing. (Banking Marketing) 2016-2017
- Institution's collection scale (accounting) 2017-2023
- Tax management standard (accounting) 2017-2023
- Banking transaction collection scale (monetary and banking economy) 2018-2019
- Standard for conducting fiscal audits in institutions (economics and management of institutions) 2019-2023

Short form of CV

the name: Abdul Razzaq Abderrezzak

Title: Bin Al-Zawi Benzaoui

Date and place of increasing: January 3, 1978 in Touggourt, Ouargla Province. Algeria

Email and phone: 0555127576 abderezak.benzaoui@univ-biskra.dz

Rank: Mr

Original institution: Faculty of Economic, Commercial and Management Sciences

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.)

▪ **Professor of Higher Education: University of Biskra - Algeria. Ministry of Education and Scientific Research June 2017.**

University qualification As a lecturer, A. December, majoring in economics at the University of Biskra 2012

▪ **Doctorate of Science in Economic Sciences from the University of Algiers in 2010.**

▪ **Master's degree in Economic Sciences, Mentouri University of Constantine, 2003.**

▪ **Certificate of State Engineer in Statistics, National Institute of Planning and Statistics, Algeria, 2000.**

▪ **Baccalaureate degree: Exact sciences branch, June 1995 session.**

Professional pedagogical competencies (school subjects...etc.):

Counting 1 for the first year, a common stem for AD, (first hexagram) for the years 2012/2013. 2013/2014.

- **Statistics 2** For the first year, a common stem for AD, (second hexagram), for the years 2012/2013. 2013/2014.

- **Statistics 3** For the second year of MD, (first semester), for the years 2014/2015 and 2015/2016.

- **Modeling** For the first year, Master's degree in Finance, Economics, International, Finance and Corporate Governance, (first semester) for the years 2014/2015 and 2015/2016.

- **Financial macroeconomic modeling** For the second year, Master's degree (second semester) in Finance, Economics, International, and Finance for the years 2014/2015, 2015/2016, and 2016/2017.

- **Seminar in the specialty** For PhD students specializing in applied financial economics for the years 2015/2016 and 2016/2017.

- **Applied statistics** For PhD students specializing in applied financial economics for the years 2015/2016 and 2016/2017.

Short form of CV

Name: Lahcen Dardouri

Date and place of birth: May 23, 1981 Thaniyat al-Abed, Batna

Email and phone:l.derdouri@univ-biskra.dz 0661666700

Rank:Mr.

Original institution: Faculty of Economic, Commercial and Management Sciences

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.)

- University qualification certificate_Economic Sciences_dated December 17, 2015
- Doctorate of Science degree in economic sciences_dated July 2, 2014
- Master's degree in money and finance dated March 23, 2006
- Bachelor's degree in Finance, Money and Banking dated June 22, 2003

Professional pedagogical competencies (school subjects...etc.):

✓ _1 Teaching in the first stage, progression, and post-graduation (L.M.D. system):

Nizam L. M. Dr	Years of teaching	Specialization	the scale	the level
	2016- 2017	First year international trade University of continuing education	Introduction to economics	

	2016 - 2017	Third year, Business Law, University of Continuing Training	Market entry strategy techniques	
	2016 - 2017	Third year, Business Law, University of Continuing Training	Banking business	
	2017- 2018	First year international trade University of continuing education	The management of human resources	
	2018- 2019	First year general management University of continuing education	The management of human resources	
	2018- 2019	Second year general management University of continuing education	Public management	
	2018- 2019	First year general management University of continuing education	Public finance	
	2019- 2020	Second year general management University of continuing education	Public management	
	2019- 2020	Third year accounting University of continuing education	Case Study	
Teaching in Bachelor's degree				
X	2016-2017	Second year, common core,	Monetary	

	2017- 2018 2018- 2019 2019- 2020 2020_2021 2021_2022 2022_2023	economic sciences	economics and financial markets Lecture and guided work	Common trunk
Teaching in the master's degree				
X	2015-2016	First year Master in Finance and International Economics/Finance and Corporate Governance	Financial diagnosis Lecture and directed work	Master
x	2015- 2016	The first year, money and finance	Central Bank and Monetary Control: Lecture and guided work	
X	2016-2017	First year Master in Banking and Monetary Economics	International finance Acts directed	
X	2016- 2017 2017_2018 2018_2019 2019_2020 2021_2021 2021_2022 2022_2023	First year Master in Banking and Monetary Economics	Banking operations and corporate finance	
Teaching in Ph.D				
X	2015- 2016	The first year is a PhD, specializing in finance, banking and insurance	Insurance and risk management	Ph.D
X	2017-2018	The first year is a PhD, specializing in finance,	Insurance and risk management	

		banking and insurance	
X	2018- 2019	First year PhD, specializing in monetary and banking economics	Insurance and risk management
x	2018- 2019	First year PhD, specializing in international economics	International Economics Symposium
X	2019 - 2020	First year PhD, specializing in monetary and banking economics	A special workshop on banking techniques
X	2019 - 2020	First year PhD, specializing in monetary and banking economics	A workshop on risk management techniques in banks

Short form of CV

Name: Surname: Musa Rahmani

Date and place of birth: 11/18/1965, Bitam, Batna

Email and phone:0775147075// m.rahmani@univ-biskra.dz

Rank:Mr.

**Original institution: Faculty of Economic, Commercial and Management
Sciences/Mohamed Kheidar University of Biskra**

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.)

*** Baccalaureate degree: Barika Mixed Secondary School, Algeria, 1985.**

***Bachelor's Degree in Economic Sciences: Mentouri University of Constantine, Algeria, June 1989, grade very good.**

***Master's degree in Economic Sciences: University of Algiers in June 1992, very honorable grade.**

*** State Doctorate in Economic Sciences: University of Algiers in 2001/2002, very honorable grade.**

Professional pedagogical competencies (school subjects...etc.):

- Macroeconomic measure
- A measure of monetary theories and policies.
- Descriptive statistics scale.
- Finance scale in the application
- A measure of analysis of the economic activity of the institution
- In-depth macroeconomic measure
- Measure of mergers and multinational companies
- International macroeconomic measure
- Feline and economical scale modeling

Short form of CV

Name: Saleh

Title: Muftah

Date and place of birth: 06/01/1965 in Fayd (Biskra)

Address: Building 15, No. 484, District 500, Alalia Residence, Biskra

Phone:033/745359, mobile: 074358016

E-mail:ameftah2004@yahoo.com

Rank: Professor of Higher Education

Certificates obtained:

- **Baccalaureate degree: Larbi Ben M'hidi High School, Biskra, Algeria, 1984.**
- **Bachelor's degree in economic sciences, specialization: financial sciences, Farhat Abbas University of Setif, Algeria, in 1989.**
- **Master's degree in Economic Sciences, specialization: Money and Finance, University of Algiers in 1994, with a very honorable grade.**
- **State Doctorate in Economic Sciences, specialization: Money and Finance, University of Algiers in 2004 with a very honorable grade.**

Current position: Professor of Higher Education since December 2009

Pedagogical tasks:

Teaching several standards at the bachelor's, master's, and doctoral levels, including international finance, financial markets, financial management,.....

Short form of CV

nickname:A helpful obstacle

Date and place of birth: 10/26/1976, Biskra

Email and phone:okba.necira@univ-biskra.dz0556477527

Rank: Professor

Original institution: Faculty of Economic, Commercial and Management Sciences

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.).

Where to get it	the year	Specialization	Certificate	the number
Ibn Khaldoun High School, Biskra	June 1995	Nature and life sciences	Baccalaureate	01
Mohamed Khidir University, Biskra	July 1999	Economic sciences, specialization. Finance	Bachelor's degree	02
Hajj Lakhdar University, Batna	June 2003	Development economics	Masters	03
Mohamed Khidir University, Biskra	May 2015	Economic Sciences, Specialization: Monetary and Banking Economics	Ph.D	04
Mohamed Khidir University of Biskra	January 2017	Economy and management	University qualification	05

Professional pedagogical competencies (school subjects...etc.):

- Third year Bachelor: Macedonian Economics and Banking Standard: Budget Management
- Third year of Bachelor's degree: Finance and Accounting, financial evaluation measure for institutions

- First year Master's in Economics and Enterprise Management, Standard: Corporate Finance.
- First year PhD: Monetary and Banking Economics, Scale: Workshop in Banking Techniques
- First year PhD: International Trade, Scale: Evaluation of investment portfolio and financial risks.

Two pedagogical publications: On the Temple of the Institution and the Financial Evaluation of Institutions.

Pedagogical supervision of master's and doctoral students, specialization: economic sciences.

Heading the training team, first year, Master's in Economics and Corporate Management, third year, Bachelor's in Finance and Accounting

Short form of CV

Name: Ghalem Abdullah

Date and place of birth: 01/06/1976 Biskra

Email and phone:abdallah.ghalem@univ-biskra.dz

Rank:Professor of higher education

Original institution: Faculty of Economic, Commercial and Management Sciences at the
University of Biskra

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.)

- Master's degree, 2003, University of Biskra
- Doctorate degree 2009, University of Biskra
- University qualification 2011, University of Biskra
- Professor of higher education since 2016

Professional pedagogical competencies (school subjects...etc.):

Banking economics, monetary economics, public finance, history of economic thought,
macroeconomics, financial engineering.....

Short form of CV

Name: Nickname: Meshmish Najat.

Date and place of birth: 9/17/1980.

Email and phone: nadjet.messemecche@univ-biskra.dz \0698166028

Rank:..Professor Lecturer _A_.

Original institution: Faculty of Economic, Commercial and Management Sciences

Certificates: (graduation, post-graduation, date of obtaining them, specialization, etc.)

- Bachelor's degree in Economic Sciences, Branch: Money and Banking Finance, date obtained:08/07/2002. Department of Economics, Faculty of Economic, Commercial and Management Sciences, Mohamed Khidir University - Biskra. The title of the memorandum is "The effects of changing the value of money on the national economy."
- Master's degree in economic sciences, specializing in money and finance, Department of Economics, Faculty of Economic, Commercial and Management Sciences, Mohamed Kheidar University, Biskra. Title of the memorandum: The effectiveness of monetary and financial policy in addressing inflation, a case study of Algeria "1986-2004".
- Doctor of Science degree in economic sciences, specializing in money and finance (21/02/2019) Department of Economics, Faculty of Economic, Commercial and Management Sciences, Mohamed Khidir University of Biskra. Thesis title: "The parallel economy and economic stability, a case study of Algeria 1980-2014"

Professional pedagogical competencies (school subjects...etc.):

- Monetary economics and capital markets
- Macroeconomic
- Deep economics
- The institution's finances
- Central Bank and monetary control
- Dynamic management of the financial portfolio
- Finance theory

- Monetary and financial market instruments
- Financial engineering
- The economy of the institution
- History of economic thought
- Introduction to international economics
- International commercial arbitration
- Customs law

Short form of CV

Name: Surname: Souad Houhou

Date and place of birth: 03/19/1978 Biskra

Email and phone:souad.houhou@univ-biskra.dz

Rank:Professor Lecturer "A"

Original institution: Faculty of Economic, Commercial and Management Sciences

Certificates:

- **Bachelor's degree in Economic Sciences**
- **Master's degree in Finance, Money and Banking**
- **Doctorate degree specializing in money and banking**

School subjects:

- **History of economic facts**
- **History of economic thought**
- **Introduction to business administration**
- **Analytical Accounting**
- **International insurance**

VI-Opinion and visa of administrative and scientific bodies

TitleMaster:International economy

Head of the department + head of the formation field band
History and Authentication History and Authentication
Dean of the College (or Director of the Institute)
Date and authentication:
Director of the university institution
Date and authentication:

VII-Opinion and visa of the regional seminar

(The visa is only valid for the final copy of the training offer transmitted to the Ministry)

VIII- Opinion and visa of the National Pedagogical Committee for the field

(The visa is only valid for the final copy of the training offer transmitted to the Ministry)