

### Course Description Form

1. Course Name: Master of Financial Management	
2. Course Code:	
3. Semester / Year: 2025_2026	
4. Description Preparation Date: 9-9-2025	
5. Available Attendance Forms: In person	
6. Number of Credit Hours (Total) / Number of Units (Total) 3hours: 6 units	
7. Course administrator's name (mention all, if more than one name) Name: Assistant Proff Hala Sami Khudier AL_ Yaseen Email: hala_sami@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>- Teaching students the techniques and tools used in financing and investment operations in financial management, financial theories, and modern developments in financial management.</li> <li>- Develop their capabilities and concepts in academic financial management topics.</li> </ul>
9. Teaching and Learning Strategies	
Strategy	- Adopting modern and advanced teaching methods and techniques that keep pace with modern developments in the field of financial management in its various branches.

## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Explaining the concept of financial management and the different approaches to studying it	Introduction to Financial Management		
2	3	Financing, investment, and dividend decisions	Financial Management Decisions		
3	3	Financial statements	Financial analysis		
4	3	Mastering the financial analysis process	Financial ratio analysis		
5	3	Mastering the financial analysis process	Vertical and horizontal analysis / analysis of the sources and uses of funds		
6	3	Estimating sources of financing for companies	Financial Planning and Forecasting		
7	3	Estimating financial needs using financial methods, estimated cash budget	Methods for estimating financial needs		
8	3	Its concepts, theories and applications	Return and risk		
9	3	Concept, mathematical and graphical models, and assumptions	CAPM Model		
10	3	Mastering investment project evaluation processes	Investment project evaluation		
11	3	Methods of evaluating investment projects	Payback period method, net present value method, internal rate of return method, and profitability index method		
12	3	Concepts, Policies and Applications	working capital		
13	3	The concept, types, sources, and its models	Financing structure		
14	3	Managing assets and investments in a global context and in	International Financial Management		

		international financial markets			
15	3	Study the nature of financial contracts, their types and their financial models	financial derivatives		
<b>11. Course Evaluation</b>					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports ... etc					
<b>12. Learning and Teaching Resources</b>					
Required textbooks (curricular books, if any)			1-Mohamad Ali Ibrahim AL_Ami		
Main references (sources)			2 - ssentials of investment , Bregham E . 3 - Corporate finance , Ross & Jordan		
Recommended books and references (scientific journals, reports...)			- Every scientific source is approved by researchers and international journals.		
Electronic References, Websites					



  
 اسم وتوقيع رئيس القسم  
 أ.م.د. عدي سالم عطي

  
 اسم وتوقيع صاحب المقرر  
 أ.م.د. جلا سامي خضير اليامين

Course Description Form

1. Course Name:	
Economics Theory/Master Program/ Department of Financial and Banking Sciences	
2. Course Code:	
3. Semester / Year:	
Second Course/ 2025-2026	
4. Description Preparation Date:	
2025-2026	
5. Available Attendance Forms:	
semester by 15 weeks	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 Credit hours 45 Units	
7. Course administrator's name (mention all, if more than one name)	
Name: Mohammed Nayef Mahmoud Email: mohamed_naef@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>• Interest In Micro And Macro economic Analysis.</li> <li>• Preparing The Student Scientifically and Practically to Determine The Balance Levels For The Family Sector And The Business Sector</li> <li>• Preparing The Student Scientifically and Practically to Analyze Economic and Financial Variables.</li> <li>• Prepare The Student Scientifically and Practically to Solve Economic Problems And Make Decisions.</li> <li>• Preparing The Student Scientifically and Practically to Forecast Trends In Economic Variables</li> </ul>
9. Teaching and Learning Strategies	
Strategy	
a. Teaching and learning methods	<ol style="list-style-type: none"> <li>1. Lecture method.</li> <li>2. Method of discussion and dialogue.</li> <li>3. Method of assignments and reports.</li> </ol>
B. Evaluation methods	<ol style="list-style-type: none"> <li>1. Preparing for the lecture.</li> <li>2. Discussion and dialogue.</li> <li>3. Duties assigned to the student.</li> <li>2. Written exams</li> </ol>
C. thinking skills	<ol style="list-style-type: none"> <li>1 Providing students with the skills of analyzing economic relations</li> <li>2. Providing students with the skills to solve economic problems and make decisions.</li> <li>3. Providing students with skills in forecasting trends in economic variables</li> </ol>
D. Generic and transferable skills (skills related to employability and personal development)	<ol style="list-style-type: none"> <li>1. How to use economic analysis methods in studying economic relations</li> <li>2. How to use engineering methods in studying economic relations.</li> <li>3. How to make economic decisions at the micro level.</li> </ol>

4. The ability to formulate economic policies at the macroeconomic level.  
Ability to evaluate economic policies

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
First	3	Understand The Topic of The Unit	Introduction To Economic Theory	Lecture	Discussion and Exam
Second	3	Understand The Topic of The Unit	Introduction To Economic Theory	Lecture	Discussion and Exam
Third	3	Understand The Topic of The Unit	Demand Theory	Lecture	Discussion and Exam
Fourth	3	Understand The Topic of The Unit	Utility Analysis	Lecture	Discussion and Exam
Fifth	3	Understand The Topic of The Unit	Indifference Curve Analysis	Lecture	Discussion and Exam
Sixth	3	Understand The Topic of The Unit	Elasticities	Lecture	Discussion and Exam
Seventh	3	Understand The Topic of The Unit	Production Theory	Lecture	Discussion and Exam
Eighth	3	Understand The Topic of The Unit	Production Theory	Lecture	Discussion and Exam
Ninth	3	Understand The Topic of The Unit	Cost Theory	Lecture	Discussion and Exam
Tenth	3	Understand The Topic of The Unit	Cost Theory	Lecture	Discussion and Exam
Eleventh	3	Understand The Topic of The Unit	Firm Balance	Lecture	Discussion and Exam
Twelfth	3	Understand The Topic of The Unit	General Equilibrium Analysis	Lecture	Discussion and Exam
Thirteenth	3	Understand The Topic of The Unit	Introduction To Macroeconomics	Lecture	Discussion and Exam
Fourteenth	3	Understand The Topic of The Unit	The Keynesian Model In A Closed Economy	Lecture	Discussion and Exam
Fifteenth	3	Understand The Topic of The Unit	The Keynesian Model In A Closed Economy	Lecture	Discussion and Exam

11. Course Evaluation

1. Daily exams: 10 marks
2. Daily preparation: 10 degrees.
3. Reports: 10 marks
4. Final exam: 70 marks

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

- Colander, David C. (2006) .Macroeconomics. 6<sup>th</sup> ed, McGraw-Hill Irwin , New York , USA
- Daron Acemoglu, David Laibson & John A. List, 2016,

	<i>Microeconomics</i> , Pearson Education Limited. United Kingdom.
Main references (sources)	<ul style="list-style-type: none"> <li>• David Besanko, Ronald Braeutigam &amp; Michael J. Gibbs, 2011, <i>Microeconomics</i> 4<sup>th</sup> ed., John Wiley &amp; Sons, Inc, USA.</li> <li>• Delong, J. Bradford &amp; Olney, L. Martha (2006). <i>Macroeconomics</i>, 2<sup>nd</sup> ed., McGraw-Hill Irwin, New York, USA</li> <li>• Karl E. Case, Ray C. Fair &amp; Sharon M. Oster, 2012, <i>Principles of Macroeconomics</i>, 10<sup>th</sup> ed, Pearson Education, Inc, USA.</li> </ul>
Recommended books and references (scientific journals, reports...)	All Books in the field of Econometrics
Electronic References, Websites	



أ.م.د. عبد السلام  
 عبد السلام  
 أ.م.د. عبد السلام

### Course Description Form

1. Course Name:	
Public Finance Advanced – Master	
2. Course Code:	
3. Semester / Year:	
First semester – 2025/2026	
4. Description Preparation Date:	
1-9-2025	
5. Available Attendance Forms:	
In presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30/30	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr.Oday Salim Ali Email: <a href="mailto:audy_salem@uomosul.edu.iq">audy_salem@uomosul.edu.iq</a>	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>- Enabling students to acquire knowledge in the field of public finance</li> <li>- Enabling students to understand the role of the state in the economy</li> <li>- Enabling students to understand how to prepare government budgets of various types</li> <li>- To contribute to the graduation of specialized cadres with various skills such as tax accounting and budget preparation</li> </ul>
9. Teaching and Learning Strategies	
Strategy	- Lecture (indoctrination)

- Discussion
- Questions and answers
- Preparing reports and assignments
- Oral and written examinations

#### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understand the topic of the unit	The role of the state in economic activity and the failure of the market mechanism	Preparation and discussion	questions and answers
2	2	Understand the topic of the unit	Public spending divisions	Preparation and discussion	questions and answers
3	2	Understand the topic of the unit	Rationalizing public spending	Preparation and discussion	questions and answers
4	2	Understand the topic of the unit	Economic effects of public expenditures	Preparation and discussion	questions and answers
5	2	Understand the topic of the unit	Revenues, tax divisions, dimensions	Preparation and discussion	exam
6	2	Understand the topic of the unit	The legal basis of the tax	Preparation and discussion	questions and answers
7	2	Understand the topic of the unit	Public revenue efficiency	Preparation and discussion	questions and answers
8	2	Understand the topic of the unit	Economic effects of taxes	Preparation and discussion	questions and answers
9	2	Understand the topic of the unit	Tax burden	Preparation and discussion	questions and answers
10	2	Understand the topic of the unit	Sustainability of fiscal policy	Preparation and discussion	exam
11	2	Understand the topic of the unit	The concept of budget and its rules	Preparation and discussion	questions and answers
12	2	Understand the topic of the unit	Traditional budget (items)	Preparation and discussion	questions and answers
13	2	Understand the topic of the unit	Program and performance budget	Preparation and discussion	questions and answers

14	2	Understand the topic of the unit	Zero-based budgeting	Preparation and discussion	questions and answers
15	2	Understand the topic of the unit	Budget programming and planning	Preparation and discussion	exam

### 11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

Annual quest	Monthly exams	%١٥
	Reports	%٥
	Daily preparation	%١٠
final exam		%٧٠

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

- Adel Al-Ali, 2008, State Finance.
- Muhammad Shaker Asfour, 20 Principles of the General Budget
- Maitham Laibi, 2016, Public Finance Efficiency and Equity Trade-offs
- David N. Hyman ,2011,Public Finance A Contemporary Application Of Theory To Policy ,10<sup>ed</sup>.
- Noel Hepworth ,2024, Public Financial Management and Internal Control .
- Vito Tanzi,2020, Advance introduction to Public Finance

Recommended books and references (scientific journals, reports...)

- Iraqi Academic Scientific Journals
- OECD Journal on Budgeting-

Electronic References, Websites

- The World Bank
- International Monetary Fund

اسم وتوقيع رئيس القسم  
أ.م.د. عدي سالم علي

اسم وتوقيع صاحب المقرر  
أ.م.د. عدي سالم علي



### Course Description Form

1. Course Name:	
Financial markets	
2. Course Code:	
3. Semester / Year:	
The first is 2025-2026	
4. Description Preparation Date:	
1/10/2025	
5. Available Attendance Forms:	
Classrooms	
6. Number of Credit Hours (Total) / Number of Units (Total)	
2/2	
7. Course administrator's name (mention all, if more than one name)	
Name: Pro. Dr. Doaa Noman Al-Husseini	
Email: <a href="mailto:duaa_numaan@uomosul.edu.iq">duaa_numaan@uomosul.edu.iq</a>	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"><li>1-Developing and activating the creative and applied capabilities of students in various financial and banking fields.</li><li>2-Developing the knowledge partnership between the department and the labor market.</li><li>3- Providing students with knowledge of all program specializations</li><li>4- Developing mental abilities by expanding the cognitive horizon for all program specializations</li><li>5- The ability to analyze problems</li><li>6- Applying theoretical concepts, rules and laws</li><li>7- Giving students the ability to link various financial and banking variables.</li><li>8- Evaluating and judging applied cases</li></ol>

- 9- The ability to discover problems and solve them in modern ways
- 10 - Using real-life examples and matching them with theoretical studies
- 11 - Developing capabilities to use modern technologies in financial and banking sciences.

### 9. Teaching and Learning Strategies

<b>Strategy</b>	<ul style="list-style-type: none"> <li>-Lecture with discussions .</li> <li>-Preparing reports according to approved vocabulary.</li> <li>- Daily, weekly, monthly homework .</li> <li>- Daily and quarterly tests .</li> <li>- smart board .</li> <li>-Power Point .</li> <li>questions and answers .</li> </ul>
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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-2	4	How to Classify	Capital market theories and strategies	Theoretical lecture	Discussion
3-4	4	Definition of types of information	Information asymmetry	Theoretical lecture	Discussion
5	2	The impact macroeconomic factors on market performance	Economic variables and financial market performance	Theoretical lecture	Discussion
6-7	4	Benefits of indices for investors	Market indices	Theoretical lecture	Discussion
8	2	Standing on the foundations of liberalization	Liberalization of stock markets	Theoretical lecture	Discussion
9-10	4	How to reach	Abnormal returns in the capital market	Theoretical lecture	Discussion
11	2	Identify the risks	Risks affecting the stock market	Theoretical lecture	Discussion
12-13	4	Knowing the levels competence	Capital market efficiency	Theoretical lecture	Discussion
14	2	See photos	Images of manipulation in financial markets and its effects	Theoretical lecture	Discussion
15	2				Discussion and testing

### 11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports ... etc


Final exam: 70 marks  
Semester exam: 10 marks  
Daily exam: 5 marks  
Daily preparation 5 degrees  
Report 10 marks

## 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Nothing
Main references (sources)	Yuniarti & Arsyiy, Rita, Luthfan*, 2021, The Effect of Information Asymmetry To Cost Of Equity Capital Study On Manufacturing Companies Listed on Indonesia Stock Exchange For The Year 2017-2019
Recommended books and references (scientific journals, reports...)	MRMR. Siddhorth Bagri, et.al., 2007, Introduction to Financial Market (part-1)
Electronic References, Websites	<a href="http://www.isx-iq.net/isxportal/portal/homePage.html">www.isx-iq.net/isxportal/portal/homePage.html</a>



  
اسم وتوقيع رئيس القسم  
أ. م. د. عدي سالم علي

  
اسم وتوقيع صاحب المقرر  
أ. د. دعاء نعمان الحسيني

### Course Description Form

1. Course Name:					
Financial and Banking Technologies / Master's					
2. Course Code:					
3. Semester / Year:					
Second semester / 2025-2026					
4. Description Preparation Date:					
1-9-2025					
5. Available Attendance Forms:					
My presence					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30\30					
7. Course administrator's name (mention all, if more than one name)					
<b>Name: Dr. Harith Ghazi Thanoon Al-Dabbagh</b>					
<b>Email: <a href="mailto:hareth_ghazi@uomosul.edu.iq">hareth_ghazi@uomosul.edu.iq</a></b>					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> <li>Analyzing the evolution of banking and digital transformation, and understanding their implications for financial services and modern banking business models.</li> <li>Assessing the role of financial technologies, artificial intelligence, and big data in supporting financial and banking decision-making and improving operational efficiency.</li> <li>Examining the impact of fintech companies and regulatory frameworks on reshaping the banking sector and addressing regulatory and cybersecurity challenges.</li> </ul>			
9. Teaching and Learning Strategies					
Strategy		<ul style="list-style-type: none"> <li>- Interactive lectures</li> <li>- Discussion</li> <li>- Questions and answers</li> <li>- Report and assignment preparation</li> <li>- Oral and written exams</li> </ul>			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understanding the subject of unity	Banking services development	Understanding the Unit Topic	Questions and Answers

2	2	Understanding the subject of unity	First principles in rebuilding banking	Understanding the Unit Topic	Questions and Answers
3	2	Understanding the subject of unity	Structural transformation in banking across its four generations	Understanding the Unit Topic	Questions and Answers
4	2	Understanding the subject of unity	Embedded Banking and its Applications in the Digital Age	Understanding the Unit Topic	Questions and Answers
5	2	Understanding the subject of unity	Financial Technologies in Digital Payments and the Transition to a Cashless Economy	Understanding the Unit Topic	Test
6	2	Understanding the subject of unity	Artificial Intelligence and Its Role in Financial and Banking Decision-Making	Understanding the Unit Topic	Questions and Answers
7	2	Understanding the subject of unity	Information Asymmetry and the Role of Big Data in Banking Operations	Understanding the Unit Topic	Questions and Answers
8	2	Understanding the subject of unity	The Role of FinTech Companies and Major Technology Firms in Reshaping the Banking Sector	Understanding the Unit Topic	Questions and Answers
9	2	Understanding the subject of unity	Digital Financial Inclusion: Global Experiences and Models	Understanding the Unit Topic	Questions and Answers
10	2	Understanding the subject of unity	Cybersecurity and the Protection of Banking Information	Understanding the Unit Topic	Test
11	2	Understanding the subject of unity	Banking Supervision and Regulatory Challenges in the Digital Era	Understanding the Unit Topic	Questions and Answers
12	2	Understanding the subject of unity	Financial Regulatory Challenges and Oversight Strategy	Understanding the Unit Topic	Questions and Answers

13	2	Understanding the subject of unity	The Future of Bank Branches and Banking Functions	Understanding the Unit Topic	Questions and Answers
14	2	Understanding the subject of unity	Digital Banking Business Models	Understanding the Unit Topic	Questions and Answers
15	2	Understanding the subject of unity	Exam	Test	Test

#### 11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

Monthly Exams	15%
Reports	5%
Daily Preparation	10%
Final Exam	70%
	100%

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

- King, Brett, (2019), **Bank 4.0: Banking Everywhere, Never at a Bank.** Wiley.
- Sironi, Paolo, (2016), **FinTech Innovation**, this edition first published, Wiley & Sons, Ltd.
- Cooke, John, (2025), **Financial Services**, University of Adelaide Press is collaborating with JSTOR to digitize.
- OECD, (2021), **Digital Transformation Banking.**

Recommended books and references (scientific journals, reports...)

- Iraqi Academic Scientific Journals.

Electronic References, Websites

- World Bank
- Official Website of the Central Bank of Iraq



اسم وتوقيع رئيس القسم  
أ.م.د. عدي سالم علي

اسم وتوقيع صاحب المقرر  
أ.م.د. حارث هلاوي نئون النباغ

Course Description Form

1. Course Name:	
Economic and Financial Measurement / Master Program	
2. Course Code:	
3. Semester / Year:	
Second Course/ 2025-2026	
4. Description Preparation Date:	
2025-2026	
5. Available Attendance Forms:	
semester by 15 weeks	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 Credit hours 30 Units	
7. Course administrator's name (mention all, if more than one name)	
Name: Mohammed Nayef Mahmoud Email: mohamed_naef@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <li>• Interest in econometric methods.</li> <li>• Preparing the student scientifically and practically to test economic and financial hypotheses.</li> <li>• Preparing the student scientifically and practically to analyze economic and financial variables quantitatively.</li> <li>• Prepare the student scientifically and practically to solve economic problems and make decisions.</li> <li>• Preparing the student scientifically and practically to forecast trends in economic variables</li> </ul>
9. Teaching and Learning Strategies	
Strategy	
a. Teaching and learning methods	<ol style="list-style-type: none"> <li>1. Lecture method.</li> <li>2. Method of discussion and dialogue.</li> <li>3. Method of assignments and reports.</li> </ol>
B. Evaluation methods	<ol style="list-style-type: none"> <li>1. Preparing for the lecture.</li> <li>2. Discussion and dialogue.</li> <li>3. Duties assigned to the student.</li> <li>2. Written exams</li> </ol>
C. thinking skills	<ol style="list-style-type: none"> <li>1. Providing students with skills in estimating the values of quantitative economic relationships.</li> <li>2. Providing students with the skills of analyzing quantitative economic relations</li> <li>3. Providing students with the skills to solve economic problems and make decisions.</li> <li>4. Providing students with skills in forecasting trends in economic variables.</li> </ol>
D. Generic and transferable skills (skills)	<ol style="list-style-type: none"> <li>1. How to use econometric methods to estimate economic and financial relations</li> </ol>

related to employability and personal development)

2. How to use econometric methods to solve economic and financial problems
3. How to use econometric methods in making economic...
4. How to use econometric methods to predict trends in economic variables.

#### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit Or Subject Name	Learning Method	Evaluation Method
First	3	Understand The Topic of The Unit	Introduction To Econometrics	Lecture	Discussion and Exam
Second	3	Understand The Topic of The Unit	Introduction To Econometrics	Lecture	Discussion and Exam
Third	3	Understand The Topic of The Unit	Simple Linear Regression Models	Lecture	Discussion and Exam
Fourth	3	Understand The Topic of The Unit	Simple Linear Regression Models	Lecture	Discussion and Exam
Fifth	3	Understand The Topic of The Unit	Simple Linear Regression Models	Lecture	Discussion and Exam
Sixth	3	Understand The Topic of The Unit	Simple Linear Regression Models	Lecture	Discussion and Exam
Seventh	3	Understand The Topic of The Unit	Multiple Linear Regression Model	Lecture	Discussion and Exam
Eighth	3	Understand The Topic of The Unit	Multiple Linear Regression Model	Lecture	Discussion and Exam
Ninth	3	Understand The Topic of The Unit	The Autocorrelation Problem	Lecture	Discussion and Exam
Tenth	3	Understand The Topic of The Unit	Multicollinearity Problem	Lecture	Discussion and Exam
Eleventh	3	Understand The Topic of The Unit	The Problem of Heterogeneity	Lecture	Discussion and Exam
Twelfth	3	Understand The Topic of The Unit	Introduction To Time Series	Lecture	Discussion and Exam
Thirteenth	3	Understand The Topic of The Unit	The Relationship Between The Degree of Diversification And Risk	Lecture	Discussion and Exam
Fourteenth	3	Understand The Topic of The Unit	The Relationship Between Return And Risk	Lecture	Discussion and Exam
Fifteenth	3	Understand The Topic of The Unit	The Relationship Between Asset Risk And Market Risk	Lecture	Discussion and Exam

#### 11. Course Evaluation

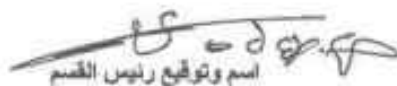
1. Daily exams: 10 marks
2. Daily preparation: 10 degrees.
3. Reports: 10 marks
4. Final exam: 70 marks

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Domard N. Gujarati, 2003, Basic Econometrics, 4th ed., Mc Graw Hill, USA
Main references (sources)	R.Carter Hill, William E. Griffiths & Guay C. Lim, 2011, Principles of Econometrics, 4th

	<p>ed, John Wiley &amp; Sons, Inc , USA.</p> <ul style="list-style-type: none"> <li>•Chris Brooks ,2011, Introductory Econometrics for Finance,2nd ed, Cambridge University Press,USA.</li> <li>• William H. Greene, 2020, Econometric Analysis, 8th ed, Pearson Education Limited , USA.</li> </ul>
Recommended books and references (scientific journals, reports...)	All Books in the field of Econometrics
Electronic References, Websites	





اسم وتوقيع رئيس القسم

أ.م.د. عدي سالم



اسم وتوقيع صاحب المقرر

أ.م.د. محمد ثلث محمود

### Course Description Form

<b>1. Course Name:</b>					
Investment Portfolio Management					
<b>2. Course Code:</b>					
<b>3. Semester / Year:</b>					
Second Semester / 2025-2026					
<b>4. Description Preparation Date:</b>					
1/September /2025					
<b>5. Available Attendance Forms:</b>					
Classroom					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
2 hours per week/ 2 units					
<b>7. Course administrator's name (mention all, if more than one name)</b>					
Name: Assist. Prof. Dr. Mohammed Fawzi Mohammed					
Email: mohamed_fawzi@uomosul.edu.iq					
<b>8. Course Objectives</b>					
This course aims to provide postgraduate students with a solid theoretical and applied understanding of investment portfolio management. It focuses on the risk–return trade-off, asset pricing and portfolio selection models, efficient portfolio construction, and performance evaluation using risk-adjusted measures, enabling students to make rational investment decisions under uncertainty.					
<b>9. Teaching and Learning Strategies</b>					
<ul style="list-style-type: none"> <li>• Interactive lectures</li> <li>• Analytical discussion</li> <li>• Problem-solving and applications</li> <li>• Case studies</li> <li>• Project-based learning</li> <li>• Student presentations</li> </ul>					
<b>10. Course Structure</b>					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understand investment basics	Investment Theory	Lecture	Participation
2	2	Analyze market efficiency	Market Efficiency & Behavioral Finance	Lecture/Discussion	Assignment

3	2	Measure risk and return	Risk & Return of Individual Assets	Lecture/Application	Assignment
4	2	Interpret interest rates	Term Structure of Interest Rates	Lecture	Participation
5	2	Calculate portfolio risk and return	Portfolio Risk and Return	Lecture/Application	Assignment
6	2	Evaluate diversification effects	Diversification and Risk Management	Lecture	Participation
7	2	Construct optimal portfolios	Markowitz-Tobin-Sharpe Models	Lecture/Application	Assignment
8	2	Explain market equilibrium	Capital Asset Pricing Model (CAPM)	Lecture	Participation
9	2	Distinguish capital market lines	CML and SML	Lecture	Assignment
10	2	Assess overall understanding	Midterm Examination	Exam	Exam
11	2	Understand factor pricing	Arbitrage Pricing Theory (APT)	Lecture	Participation
12	2	Analyze multi-factor models	APT & Fama-French Models	Lecture	Assignment
13	2	Evaluate investment performance	Risk-Adjusted Performance Measures	Lecture/Application	Assignment
14	2	Link valuation and pricing	Stock and Bond Valuation	Lecture	Participation
15	2	Present applied work	Project Presentations	Presentation	Final Evaluation

#### 11.

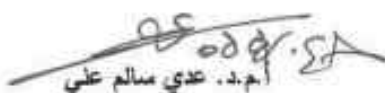
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Jordan, Miller & Dolvin (2015). Fundamentals Investments: Valuation and Management.

Main references (sources)	<ul style="list-style-type: none"> <li>• Bodie, Kane &amp; Marcus (2021). Investments.</li> <li>• Ehrhardt &amp; Brigham (2011). Financial Management: Theory and Practice.</li> </ul>
Recommended books and references (scientific journals, reports...)	<ul style="list-style-type: none"> <li>• Fabozzi &amp; Markowitz (2011). The Theory and Practice of Investment Management.</li> <li>• Schulmerich et al. (2015). Applied Asset and Risk Management.</li> </ul>
Electronic References, Websites	

  
 أ.م.د. عدي سالم علي



أ.م.د. محمد فوزي محمد

رئيس القسم

مدرس المادة



### Course Description Form

1. Course Name:	
Scientific Research Ethics / Master's	
2. Course Code:	
3. Semester / Year:	
Second - 2025-2026	
4. Description Preparation Date:	
26/12/2025	
5. Available Attendance Forms:	
Study hall	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30	
7. Course administrator's name (mention all, if more than one name)	
Name: <b>Assist. Prof. Dr. Ashti Abdulsattar Abdulghani</b>	
Email: <a href="mailto:ashti_abdulsattar@uomosul.edu.iq">ashti_abdulsattar@uomosul.edu.iq</a>	
8. Course Objectives	
Course Objectives	*Course Objectives: <ol style="list-style-type: none"><li>1. Understand the basics of scientific research ethics.</li><li>2. Understand ethical values and means of promoting scientific research ethics, academic integrity, and plagiarism.</li><li>3. Understand scientific research methods.</li><li>4. Become familiar with the scientific research plan.</li><li>5. Understand the principles, ethics, capabilities, and competencies that distinguish a scientific researcher.</li><li>6. Understand the formal specifications scientific dissertations and theses.</li></ol>

## 9. Teaching and Learning Strategies

<b>Strategy</b>	<ul style="list-style-type: none"> <li>* Enabling students to acquire knowledge in the field of Islamic banking and financial transactions compatible with Islamic Sharia.</li> <li>* Enabling students to understand the role of Islamic banks in light of contemporary and traditional banking and the global economy</li> <li>* Enabling students to understand the mechanisms of financial dealing in accordance with Islamic controls.</li> </ul>
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## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1_	2		Scientific research (concept, importance, objectives, conditions, elements, components, types, levels of research in the postgraduate and postgraduate stages, problems and difficulties facing scientific research and ways to solve them)	a lecture	Oral exams
2_	2		Scientific Researcher (qualities of the scientific researcher,	a lecture	Oral exams

			scientific behavior of the researcher, principles, ethics, capabilities and competencies that distinguish the scientific researcher, eligibility the scientific research		
3_	2		(Concept, controls, principles, ethical values, means promoting scientific research ethics, scientific integrity, scientific plagiarism	discussion	Presentation and delivery calendar
4_	2		Scientific research methods (historical method, descriptive method, experimental method, inductive method, deductive method, comparative method)	a lecture	Evaluation of assignments
5_	22.		Scientific research plan (research title, research problem, research	a lecture	Written tests

			hypotheses, research importance, research objectives, research methodology, research tools, research community and sample, research boundaries, previous studies, research terms, research structure, sources and references)		
6_	2		(Language, paper size and margins, font size and type, paragraph formatting, line spacing, page numbering, punctuation, tables, figures, general controls, citations, bibliography)	Case Study	Oral and written tests
7_	2		- Study title - Hypothetical outline - Abstract - Introduction	discussion	Presentation and delivery calendar

8_	2		<p>Previous Studies</p> <p>Reasons for Presenting Previous Studies</p> <ul style="list-style-type: none"> <li>- Research Gap</li> <li>- How to Formulate a Research Gap</li> <li>- Types of Research Gap</li> </ul>	a lecture	Oral exams
9_	2		<ul style="list-style-type: none"> <li>- Study Limitations</li> <li>- Study Population and Sample: Spatial Limits</li> <li>- Temporal Limits</li> <li>- Human Limits</li> <li>- Justifications</li> </ul> <p>Selecting the Sample</p> <ul style="list-style-type: none"> <li>- Using Green's Model to Calculate Sample Size</li> <li>- Using Stephen Thompson's Equation to Determine Sample Size</li> <li>- Calculating Sample Size According to Robert Mason's Equation</li> </ul>	a lecture	Written tests
10_	2		<p>Study variables: definition variables.</p> <p>Types of variables.</p> <p>The difference between the mediating and moderating variables.</p> <p>The controlling and</p>	Case Study	Presentation and delivery calendar

			extraneous variables. Controlling extraneous variables scientific research.		
11_	2		Practical aspect: Testing the normal distribution data. Testing collinearity between the dimensions of the independent variable	a lecture	Oral exams
12_	2		- Descriptive Statistics - Inferential Statistical Methods - Arithmetic Mean - Weighted Mean - Coefficient of Variation - Standard Deviation - Standard Error - Correlation Coefficient and Benefits - Regression Equation	a lecture	Written tests
13_	2		Using advanced software to write study references Mendeley software writing study references	discussion	Oral exams
14_	2		Evaluation of completed research Exam Evaluation of completed research	a lecture	Written tests and speaking

15_	2		exam	exam	Written tests
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

### 11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

Fundamentals of Scientific Research in the Humanities (Economics, Management, Accounting, and Finance), 2005, Abdul Aziz Mustafa Abdul Karim and Talal Mahmoud Kadawi.  
Scientific Research Methods, 2019, Muhammad Sarhan Ali Al-Mahmoudi.

Main references (sources)


Recommended books and references (scientific journals, reports...)

- Guide to Formal Specifications Scientific Theses and Dissertations, 2022, by Dr. Thaer Ahmed Saadoun Samman, Dr. Raad Adnan Raouf Al-Hamdani,

	<p>Dr. Rafia Ibrahim Abdullah Hamdani,          Dr. Aws Fakhreddine Ayoub Juwajjati,          Riyad Jamil Wahab,          and Dr. Zahraa Ghazi Dhunoon Dabbagh.          Scientific Research Methods, 2019,          by Muhammad Sarhan Ali Mahmoudi.</p>
<p>Electronic References, Websites</p>	<ul style="list-style-type: none"> <li>- Scientific Research Ethics, 2013, Mona Tawakkol Sayed.</li> <li>- Scientific Research Ethics: A Field Study of Faculty Members in the College of Basic Education, 2015, Fayeq Fadhel Ahmed Samarra'i and Faleh Abdul-Hassan Owaid Al-Taie.</li> <li>- The Level of Scientific Research Ethics among University Researchers from the Perspective of Their Colleagues According Some Variables, 2017, Bushra Abdul-Hussein, Tahani Talib Abdul-Hussein, and An'am Majeed Obaid Rikabi.</li> <li>- Scientific Research Ethics, 2020, Balqis Hamoud Kazim.</li> </ul>


 جامعة القادسية  
 كلية الإدارة والاقتصاد  
 قسم العلوم المالية والمحاسبية

Dr. Ashti Abadulsattar

  
 أ.م.د. عدي سالم علي  
 رئيس القسم

### Course Description Form

1. Course Name:					
International finance					
2. Course Code:					
M.Sc.					
3. Semester / Year:					
2nd course/ 2025-2026					
4. Description Preparation Date:					
2/2/2026					
5. Available Attendance Forms:					
In-person lectures					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours / 2 units					
7. Course administrator's name (mention all, if more than one name)					
Name: Professor Doctor: Nameer Ameer Al.Saigh					
Email: <a href="mailto:nameer_alsaigh@uomosul.edu.iq">nameer_alsaigh@uomosul.edu.iq</a>					
8. Course Objectives					
Course Objectives	<ol style="list-style-type: none"> <li>1. Understanding the differences between traditional and modern approaches to international finance methodology.</li> <li>2. Framing the aspects of internationalization and finance within the financial superstructure and economic infrastructure.</li> <li>3. A comprehensive and expanded presentation of risks, both traditional and extreme.</li> <li>4. Identifying the priorities of various types of international financial flows, their attraction and their localization.</li> <li>5. Using crisis elements graphically to identify the most important symptoms of contagion financial panic.</li> </ol>				
9. Teaching and Learning Strategies					
Strategy	Discussion, dialogue, and oral and written tests				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understanding the emergence contemporary international finance	Approaches to studying international finance (methodology, trends, and content).	Traditional methods.	Attendance and participation
2	2	The most important transformations in finance, its forms, international monetary and financial systems, the international financial	The evolution and transformations of formal and informal international finance.	Case study method.	1. Attendance and participation. 2. Individual

		environment.			assessment: through the quality of discussion, asking questions, and presenting solutions.
3	2	Distinguishing between the financial superstructure and the economic infrastructure	Financialization and internationalization	Presentation of selected countries and financial systems	1. Attendance and participation 2. Individual assessment: through the quality of discussion, asking questions, and presenting solutions.
4	2	Methods of measurement, evaluation and hedging, and their internal and external methods	Traditional and extreme risks	Problem-solving method	1. Attendance and participation 2. Presenting discussion panels, raising questions, and presenting solutions 3. Group assessment: Ideas presented in the required assignments and the quality of their discussion
5	2	Identify the most important types, causes, detection methods, treatments, and dimensions.	International Financial Crimes	Problem-Solving Method	1. Attendance and Participation 2. Individual Assessment: Through the quality of discussion, asking questions, and presenting solutions with

					<p>data</p> <p>3. Group Assessment: The ideas presented in the required assignments and the quality of their discussion</p> <p>4. Final Exam (Semester)</p>
6	2	Presenting the traditional and future roles of official and semi-official organizations .	Official international financial institutions	Microteaching Method	<p>1. Attendance and Participation</p> <p>2. Individual Assessment: Through the quality of discussion, asking questions, and presenting solutions</p> <p>3. Group Assessment: The ideas presented in the required assignments and the quality of their discussion</p>
7	2	Systems, types, effects, and the most important theories and models determining exchange rates.	Exchange Rates (Patterns and Effects)	Traditional Methods	<p>1. Attendance and Participation</p> <p>2. Individual Assessment: Through discussions on fluctuations and advanced statistical measurement methods.</p>
8	2	Forward and backward linkages between exchange rates and the balance of payments.	Measurement & methods and exchange effects.	Problem-solving method	<p>1. Problem-solving method</p> <p>2. Microteaching method: 1. Attendance and</p>

					<p>participation</p> <p>2. Reference studies and real-life experiences</p> <p>3. Group assessment: Ideas presented in the required assignments and the quality of their discussion</p>
9	2	Types and forms of flows	Traditional types of investment and non-investment flows.	Traditional methods using real data.	<p>1.Attendance and participation.</p> <p>2. Individual assessment: through the quality of discussion, asking questions, and presenting solutions.</p> <p>3. Group assessment: the ideas presented in the required assignments and the quality of their discussion.</p>
10	2	A realistic and live review of global trends in flows to and from countries and regions.	Current and future flow patterns and forms.	Description and elaboration of modern types through brainstorming.	<p>1. Attendance and participation.</p> <p>2. Individual assessment: based on the quality of discussion, posing questions, and presenting solutions.</p> <p>3. Group assessment: ideas presented in the required</p>

					assignments and the quality of their discussion. 4. Daily and semester exams.
11	2	How, why, and from where do countries build their reserves?	International Reserves	Microteaching Method	1. Attendance and Participation 2. Individual Assessment: Through review of available data and management models. 3. Group Assessment: Ideas presented in the required assignments and the quality of their discussion
12	2	Modern Theories and Methods Financial Crises	Financial Crisis Theories Tests and Diagnostic Methods	Microteaching Method	1. Attendance and Participation 2. Individual Assessment: Through the Quality of Discussion, Asking Questions, and Presenting Solutions 3. Group Assessment: The Ideas Presented in the Assigned Assignments and the Quality of Their Discussion 4. Daily Exams
13	2	Crisis Elements, Financial Architecture, and Country	Financial Crises: Short- and Long-Term	Interconnections	1. Attendance and

		Experiences: The Role of the International Monetary Fund	Effects	Discussion	Participation 2. Individual Evaluation: Through the Quality of Discussion, Asking Questions, and Presenting Solutions
14	2	Modern Patterns and Generations of Free Zones and	Customs Tariffs Free Zones and Customs Tariffs	Discussion Sessions	1. Attendance and Participation 2. Individual Evaluation: Based on the quality of discussion, posing questions, and presenting solutions 3. Group Evaluation: The ideas presented in the required assignments and the quality of their discussion
15	2	Contemporary trends	Challenges of international finance.	Oral and written exams and essays.	1.Attendance and participation. 2. Individual assessment: through the quality of discussion, posing questions, and presenting solutions. 3. Group assessment: the ideas presented in the required assignments and the quality of their

discussion.  
4. Daily  
exams.  
5. Final exam  
(semester)

### 11. Course Evaluation

The grade is distributed out of 30 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

### 12. Learning and Teaching Resources

Required textbooks (curricular books  
any)

Main references (sources)


1. International finance Cheol ,Eun Bruce,Resnick,2014, , McGrew-Hill Education.
- 2.international finance theory and policy, 2018, eleven edition,Paul, R.Krugman, Maurice, Obstfeld : Marc.J. Melitz.
- 3.International finance ,Training manual,2015. edition ,Yuriy Kozak.
- 4.Atlas of finance, Mapping the global story of money,2024,Dariusz Eojcik,& et.al 1st edition.

Recommended books and references  
(scientific journals, reports...)

Issued by the International Monetary Fund, the World Bank, and the Arab Monetary Fund.

Electronic References, Websites

Websites for additional data and publications regarding the methodology of each lecture.

  
أ.م.د. عدي سالم علي  
أ.م.د. لمير امير الصانع

### Course Description Form

1. Course Name: Financial Institutions Management	
2. Course Code: Postgraduate Studies / Master	
3. Semester / Year: Second Course	
4. Description Preparation Date: 1-9-2025	
5. Available Attendance Forms: In Person	
6. Number of Credit Hours (Total) / Number of Units (Total): 30	
7. Course administrator's name (mention all, if more than one name) Name: Mohammed Dhannoon Mohammed  Email: mohamed_thanon@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"><li>1_Analyze the advanced role of financial institutions in achieving macro-financial stability.</li><li>2_Distinguish between the traditional and advanced classification of financial institutions based on business models and systemic importance.</li><li>3_Evaluate different business models (Universal Banking, Shadow Banking, NBFi) from the perspective of risk and sustainability.</li><li>4_Apply financial intermediation theories and asymmetric information concepts to interpret the behavior of financial institutions.</li><li>5_Analyze advanced performance indicators and relate them to risk, capital adequacy, and liquidity.</li><li>6_ Explain the relationship between risk management, governance, regulation, and financial stability.</li><li>7_Utilize Financial Soundness Indicators (FSIs) to assess the resilience of financial institutions.</li></ol>

8\_Develop critical analytical skills to interpret financial and supervisory reports of financial institutions.

### 9. Teaching and Learning Strategies

<b>Strategy</b>	<p>1_Interactive lectures to present advanced theoretical frameworks.</p> <p>2_Guided class discussions on financial stability and business models.</p> <p>3_Case studies drawn from real financial crises and institutional practices.</p> <p>4_Analysis of actual financial reports of banks and financial institutions.</p> <p>5_Short research assignments linking theory to practice.</p> <p>6_Student presentations on different financial institutions' business models.</p> <p>7_Comparative analysis between institutions with diverse business models.</p> <p>8_Problem-Based Learning (PBL) in topics related to risk and regulation.</p>
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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2		Advanced Theoretical Framework of Financial Institutions; Traditional vs. modern views, macro-financial stability.	Lecture	Oral tests
2	2		Evolution of the Role of Financial Institutions: From simple intermediation to systemic influence.	Lecture	Oral tests
3	2		Traditional Classification of Financial Institutions and Its Limitations: Banking vs. non-banking, shortcomings.	Discussion	Presentation and delivery assessment
4	2		Advanced Classification Based on Business Models: Concept and analytical importance of business models.	Lecture	Assignment assessment
5			Classification Based on Systemic Importance (SIFIs): Size, interconnectedness, complexity, substitutability.	Lecture	Written tests
6	2		Universal Banking Model: Advantages, risks, institutional complexity.	Case study	Oral and written tests
7	2		Shadow Banking / NBFI: Economic role and sources of fragility.	Lecture	Presentation and delivery assessment

8	2		Advanced Financial Intermediation Theories: Transaction costs and asymmetric information.	Lecture	Oral tests
9	2		Adverse Selection and Moral Hazard: Role of information and internal control.	Discussion	Written tests
10	2		Governance and Regulation in Financial Institutions: Regulatory standards and managerial role.	Lecture	Presentation and delivery assessment
11	2		Advanced Risk Management: Credit, liquidity, market, operational risks.	Lecture	Oral tests
12	2		Advanced Performance Indicators: ROA, ROE, NIM, Cost-to-Income.	Discussion	Written tests
13	2		Asset Quality and Capital Adequacy: NPL, provisions, leverage, Basel standards.	Case study	Oral tests
14	2		Liquidity and Funding Structure: LCR, maturity gaps, market funding.	Lecture	Written tests and presentation
15	2		Integrated Analysis of Financial Institutions: Linking business models, risks, performance, and financial stability.	Lecture	Written tests

### 11. Course Evaluation


Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc


### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	<ol style="list-style-type: none"> <li>1_ Financial Institutions Management: A Risk Management Approach – <i>Anthony Saunders &amp; Marcia Cornett</i></li> <li>2_ Financial Markets and Institutions – <i>Frederic Mishkin &amp; Stan Eakins</i></li> <li>3_ The Economics of Money, Banking, and Financial Markets <i>Frederic Mishkin</i></li> <li>4_ Risk Management and Financial Institutions. – <i>John C. Hull</i></li> </ol>
Main references (source)	<ol style="list-style-type: none"> <li>1_ Basel Committee on Banking Supervision (G-SIBs),</li> <li>2_ Bank for International Settlements.</li> <li>3_ International Monetary Fund –FSIs</li> <li>4_ World Bank.</li> <li>5_ Financial Stability Board NBF1 / Shadow Banking.</li> <li>6_ European Central Bank SREP.</li> </ol>

Recommended books and references (scientific journals, reports...)	
Electronic Websites	<a href="https://www.imf.org">https://www.imf.org</a> <a href="https://www.worldbank.org">https://www.worldbank.org</a>



  
 اسم وتوقيع رئيس القسم:

  
 اسم وتوقيع صاحب المقرر:

أ.م.د. علي سالم علي      أ.م. محمد تون محمد