



**People's Democratic Republic of Algeria**  
**Ministry of Higher Education and Scientific Research**  
**Sétif 1 University – Ferhat Abbas**



**Faculty of Economics, Commerce and Management sciences**

**Master's Degree in :**

**Monetary and financial Economics**

### *Presentation and Objectives of the Specialty:*

The Monetary and Financial Economics major is a specialized scientific field that aims to provide students with diverse knowledge and applied skills that will enable them to interact appropriately with the modern business environment in the financial and banking sector in general.

Students in this new master's program can benefit greatly from monetary issues, including monetary demand by economic agents. They will also learn about the domestic effects of monetary decisions, their relationships with the outside world, and their impact on domestic and external balances before and after 1990, particularly following the issuance of the Cassation and Credit Law.

This course aims to prepare students to practice various monetary, banking, and accounting functions in banks and financial institutions in a more in-depth manner than they did at the undergraduate level. This is achieved through the following foundations:

- This specialization focuses on studying the practical methods of cash flow and financing within economic and service companies, banks, and financial institutions.
- Review and analyze the financial statements of commercial banks and the Central Bank, and write financial reports that are useful in making important decisions in investment, marketing, and other areas.
- Provide students with fundamental knowledge of monetary, financial, accounting, and banking theories and policies, as well as their developments, in line with the requirements of work in the financial and banking sectors at the macro, micro, and international levels.
- Consolidating a deep understanding of the monetary and banking rules and principles underlying practical work practices in the financial, banking, and even economic sectors.
- Enabling students to analyze various monetary relationships and mechanisms that impact economic decision-making, such as financing relationships.
- To learn the theoretical and practical foundations of monetary functions and activities in commercial banks.
- This Master's program aims to meet the need for specialists in monetary and banking economics.

- To establish a deep understanding of the monetary and banking rules and principles underlying practical work practices in the financial, banking, and even economic sectors.
- The study programmes in this programme provide students with the basic knowledge and skills that enable them to engage in jobs related to banking and money.
- This program offers modern study programs that keep pace with the rapid developments in the national and global economy in the monetary and banking sectors.
- Preparing students for the third-level (PhD) program in Finance, Insurance, and Banking.

### ***Admission requirements:***

The Monetary and Banking Economics major is of great importance given its specialization among students, academics, and those active in the field of monetary, financial, and banking institutions, as it provides information on monetary and banking policies, such as the functional performance of money and its effects on the economy.

In addition to the functional performance of the monetary and banking system, the monetary relationships between its components and the rest of the economy, as well as the monetary behavior of economic agents and methods of controlling it, this specialization is open to students majoring in monetary and banking economics.

### ***Targeted Qualifications and Competencies:***

This master's program aims to meet the need for specialists in monetary and banking economics, as well as financial, monetary, and banking policies, and economic policy, particularly following the emergence of applied models for these specializations and the growing interest in them at the local, regional, and global levels.

The study programmes in this programme provide students with the basic knowledge and skills that enable them to engage in jobs related to the field of money, finance and accounting in all financial and economic institutions.

### ***Regional and National Employability Capabilities :***

This training program offers modern study programs that keep pace with the

rapid developments in the national and global economy and meets the growing demand for qualified national talent to meet the local market's requirements for banking and finance specialists.

Graduates of this training enjoy a comparative advantage over other specialists in their field in economic institutions, the Central Bank, banks and financial institutions, the Ministry of Finance, the Public Treasury, tax collection offices, and postal institutions.

### ***Admission Information:***

Details regarding admission requirements and procedures: Candidates wishing to study monetary and financial economics must hold a bachelor's degree in economics, finance, management, mathematics applied to economics and management. Additionally, a satisfactory level of English is required to pursue this specialization. Enrollment in this program is a national registration open to all Algerian universities without specific quotas.

Applications for this specialization are submitted through a digital platform accessible via the website of Setif 1 University Ferhat Abbas. Candidates are required to fill in all necessary information and upload the required documents through the platform. These documents include the Baccalaureate success certificate, transcripts for the Bachelor's degree, the Bachelor's degree success certificate, and the candidate's disciplinary record.

Following this, the applications are reviewed by the Faculty's guidance and ranking committee, and the results are announced. After the appeals process and the announcement of the final results, successful candidates proceed to the administrative offices for final registration, accompanied by the official documents.

### ***Curriculum Highlights:***

The Key elements of the study program: A Master's degree in Finance and Monetary Economics equips graduates with a versatile set of skills in several key areas, most notably:

- Advanced Financial Analysis – Mastery in evaluating financial instruments, markets, and investment strategies.
- Monetary Policy and Macroeconomics – Understanding the role of central banks, monetary policy, and their impacts on economic stability and growth.

- Banking and Risk Management – Skills in managing risks within financial institutions and analyzing the stability of the banking sector.
- Quantitative and Econometric Techniques – Ability to apply statistical and mathematical tools to analyze financial and economic data.
- Strategic Decision Making – Skills to make informed financial decisions and develop policies that align with economic goals.
- International Finance and Exchange Rates – Insight into global financial markets, exchange rate dynamics, and cross-border financial flows.
- Ethics and Regulatory Frameworks – Awareness of ethical considerations and regulatory environments in the financial sector.

By mastering these areas, graduates are well-prepared for roles in banking, financial services, policy-making institutions, international organizations, and research.

### ***Program Overview:***

The Master's in Finance and Monetary Economics is a rigorous and comprehensive program designed to provide students with a deep understanding of the interactions between financial markets, monetary policy, and the economy. The program combines advanced theoretical knowledge with practical analytical tools to prepare graduates for leadership roles in the financial sector, central banks, regulatory agencies, and international organizations.

Students will explore topics such as:

- The functioning of money and banking systems
- The formulation and implementation of monetary policy
- Financial markets and instruments
- Risk management and financial stability
- Quantitative methods and econometrics for financial analysis

Throughout the program, emphasis is placed on real-world applications, critical thinking, and the ability to make informed decisions in a complex and dynamic financial environment. The duration of the program is two years.

### ***Core training modules:***

The fundamental modules included in the program: Deep banking economy, Stock market management techniques, International Finance, Public accounting, Bank management, Portfolio management, in-depth macroeconomics, Project

evaluation, Financial engineering, Contemporary monetary and financial trends and Islamic economy.

### *Advanced training modules:*

The specialized or in-depth modules of the program: Insurance economics, Communication and Administrative Editing, Time series analysis, Financial econometrics, Marketing of financial and banking services, Bank audit, Financial technology, Financial and banking legislation in Algeria.

### *Language of instruction:*

The language in which the training is delivered: English

### *Training Canvas: The plan or Visual structure of program:*

#### *1-first semester :*

Unités d'enseignement	Intitulé de la matière	Crédits	Coefficients	Weekly hourly volume			WHV 15 weeks	Others*	Evaluation method <sup>1</sup>	
				Cours	TD	TP			CC*	Exam
fundamental Education unit code :FEU 1.1 credit :18 coefficients :8	Deep banking economy	5	2	1h30	1h30	-	45h00	65h00	40%	60%
	Stock market management techniques	5	2	1h30	1h30	-	45h00	65h00	40%	60%
	International Finance	4	2	1h30	1h30	-	45h00	55h00	40%	60%
	Public accounting	4	2	1h30	1h30	-	45h00	55h00	40%	60%
Methodological Education Unit code :MEU 1.2 credit :9 coefficients 5	Insurance economics	5	2	1h30	1h30	-	45h00	65h00	40%	60%
	Communication and Administrative Editing	4	2	1h30	1h30	-	45h00	55h00	40%	60%
Exploratory Education Unit code :EEU 1.1 credit :2 coefficients :2	Time series analysis	2	2	1h30	1h30	-	45h00	5h00	40%	60%
Transverse Education Unit code :TEU 1.2	specialized foreign language1	1	1	-	-	1h30	22h30	2h30	100%	-

credit :1 coefficients :1										
<b>Total Semestre 2</b>		<b>30</b>	<b>15</b>	<b>10h30</b>	<b>10h30</b>	<b>1h30</b>	<b>337h30</b>	<b>367h00</b>		

### *2-second semester*

Unités d'enseignement	Intitulé de la matière	Crédits	Coefficients	Weekly hourly volume			WHV 15 weeks	Others*	Evaluation method <sup>1</sup>	
				Cours	TD	TP			CC*	Examen
fundamental Education unit code :FEU 1.1 credit :18 coefficients :8	Bank management	5	2	1h30	1h30	-	45h00	65h00	40%	60%
	Portfolio management	5	2	1h30	1h30	-	45h00	65h00	40%	60%
	in-depth macroeconomics	4	2	1h30	1h30	-	45h00	55h00	40%	60%
	Project evaluation	4	2	1h30	1h30	-	45h00	55h00	40%	60%
Methodological Education Unit code :MEU 1.2 credit :9 coefficients 5	Financial econometrics	5	2	1h30	1h30	-	45h00	65h00	40%	60%
	Methodology for preparing a memorandum	4	2	1h30	1h30	-	45h00	55h00	40%	60%
Exploratory Education Unit code :EEU 1.1 credit :2 coefficients :2	Marketing of financial and banking services	2	2	1h30	1h30	-	45h00	5h00	40%	60%
Transverse Education Unit code :TEU 1.2 credit :1 coefficients :1	specialized foreign language 2	1	1	-	1h30-	-	22h30	2h30	100%	-
<b>Total Semestre 2</b>		<b>30</b>	<b>15</b>	<b>10h30</b>	<b>12h00</b>	<b>-</b>	<b>337h30</b>	<b>367h00</b>		

### **3-third semester :**

Unités	Intitulé de la	Crédits	coefficients	Weekly hourly volume	WHV	Others*	Evaluation
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d'enseignement	matière						15 weeks		method <sup>1</sup>	
				Cours	TD	TP			CC*	Examen
	Financial engineering	6	3	1h30	1h30	-	45h00	105h00	40%	60%
	Contemporary monetary and financial trends	6	3	1h30	1h30	-	45h00	105h00	40%	60%
	Islamic economy	6	3	1h30	1h30	-	45h00	105h00	40%	60%
Methodological Education Unit code :MEU 1.2 credit :9 coefficients 5	Bank audit	5	2	1h30	1h30	-	45h00	65h00	40%	60%
	Financial technology	4	2	1h30	1h30	-	45h00	55h00	40%	60%
Exploratory Education Unit code :EEU 1.1 credit :2 coefficients :2	Financial and banking legislation in Algeria	2	2	1h30	1h30	-	45h00	5h00	40%	60%
Transverse Education Unit code :TEU 1.2 credit :1 coefficients :1	statistical software	1	1	-	-	- 1h30-	22h30	2h30	100%	-
<b>Total Semestre 2</b>		<b>30</b>	<b>16</b>	<b>10h30</b>	<b>10h30</b>	<b>1h30-</b>	<b>292h30</b>	<b>442h00</b>		

#### 4-fourth semester

An internship in an institution or company that culminates in a memorandum discussing

	Weekly hourly volume	credits	coefficient
Personal work	30h/w	30	<b>04</b>
Field study (in various formats according to the subject of the memorandum)	03h/w	/	/
Forums (certificate of attendance of a forum or training or training course in the second year Master)	02 h/w	/	/
Other work (determined by the pedagogical committee of specialization)	05 h/w	/	/
<b>Total Semester 4 (15 weeks)</b>	<b>600 h</b>	<b>04</b>	<b>04</b>



Coordinator of the Program: hind zitouni (Chair Person of Speciality)

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