



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

Faculty /Institute: Faculty of Economics, Commerce and Management sciences

## **Bachelor's Degree in Finance**

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

The field of finance is crucial for the development and sustainability of economic entities. Preparing qualified professionals capable of financial analysis, investment appraisal, and managing funding sources is essential for both public and private sector organizations. This Bachelor's program in Finance aims to equip students with the necessary theoretical knowledge and practical skills to meet the demands of the Algerian labor market.

This specialization is designed to develop the student's abilities in terms of:

1. **Mastering Financial Techniques:** Gaining proficiency in the methods and techniques used for financial analysis, planning, and decision-making.
2. **Evaluating Funding Alternatives:** Developing the ability to assess various financing options efficiently and effectively.
3. **Assessing Investment Opportunities:** Acquiring the skills to evaluate the viability and potential returns of investment projects.
4. **Optimizing Financial Balance:** Understanding how to achieve an optimal balance between investment decisions and financing strategies within an economic institution.
5. **Financial Forecasting:** Developing the capacity for sound financial analysis and accurate forecasting of an institution's financial needs.

## **Admission Requirements:**

- Students must hold a Baccalaureate (High School Diploma).
- Successful completion of the common core curriculum in Economic, Commercial, and Management Sciences, demonstrating foundational knowledge in relevant areas.

## **Career Prospects/Professions:**

The demand for qualified financial executives is significant, driven by developments in the Algerian economy and the adoption of modern management practices. Graduates of this program will have employment opportunities in various finance-related fields, including:

- **Corporate Finance:** Within public and private enterprises.
- **Financial Analysis:** As financial analysts or investment analysts in consulting firms, economic research offices, and accounting expert firms.
- **Financial Institutions:** Working in banks, insurance companies, and other financial organizations.
- **Public Sector:** Within public administrations and governmental bodies.

## **Organization of Studies and Official Duration of the Program**

### **Program Overview:**

The Bachelor's Degree in Finance is a comprehensive program designed to provide students with a strong foundation in financial principles and practices. It is a specialization within the broader field of Economic, Commercial, and Management Sciences. The curriculum covers core economic theories, accounting principles, financial analysis, investment management, and the functioning of financial markets. Students will learn to apply these concepts to real-world scenarios, preparing them for professional roles in the finance sector.

**Duration of the program:** Three academic years (six semesters).

### **Curriculum Highlights:**

This specialization will enable graduates to acquire skills in a number of areas, most notably:

- Understanding and applying financial theories and models.
- Conducting in-depth financial statement analysis.
- Managing corporate financial resources effectively.
- Evaluating investment projects and making sound investment decisions.
- Understanding the operations of financial markets and institutions.
- Developing financial plans and forecasts.
- Utilizing financial software and tools.

### **Admission Information: Details regarding admission requirements and procedures:**

Candidates wishing to study Finance must hold a Baccalaureate degree. Admission is typically processed through the national university registration system. Applicants are generally required to have successfully completed the common core subjects in Economics, Commerce, and Management Sciences during their initial university studies, demonstrating a satisfactory academic background to pursue this specialization. Specific

application procedures and required documents are usually detailed by the university and the Ministry of Higher Education.

**Core Training Modules: The fundamental modules included in the program:**

- Financial Mathematics
- General Accounting 1 & 2
- Microeconomics 1 & 2
- Macroeconomics 1 & 2
- Introduction to Economics
- Statistics 1, 2, 3 & 4
- Introduction to Management Science
- Corporate Finance
- Institutional Economics
- Monetary Economics
- Public Finance
- Operations Research Basics
- Entrepreneurship
- Business Ethics

**Specialized Training Modules: The specialized or in-depth modules of the program:**

- Financial Management 1 & 2
- Advanced Financial Accounting 1 & 2
- Financial Markets
- Corporate Taxation
- Financial Audit
- Banking Techniques
- International Trade and Finance
- Investment Choice
- Financial Theory
- Artificial Intelligence and its Applications in Finance
- Free and Open Source Software
- Graduation Project (Licence Thesis)

**Language of Instruction: The language in which the training is delivered:**

Arabic or English.

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

**1st Semester:**

<b>Teaching Unit Code &amp; Name</b>	<b>Module Title</b>	<b>Credits</b>	<b>Coefficients</b>	<b>Weekly Hours (Lectures)</b>	<b>Weekly Hours (Tutorials/Practical)</b>	<b>Semester Hours (15 weeks)</b>	<b>Evaluation (Continuous)</b>	<b>Evaluation (Exam)</b>
<b>UEF 1.1 Fundamental Unit</b>		<b>18</b>	<b>9</b>					
	<b>Financial Accounting 1</b>	<b>6</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Microeconomics 1</b>	<b>6</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Introduction to Economics</b>	<b>6</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
<b>UEM 1.1 Methodological Unit</b>		<b>9</b>	<b>5</b>					
	<b>Statistics 1</b>	<b>5</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Mathematics 1</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UED 1.1 Discovery Unit</b>		<b>2</b>	<b>2</b>					
	<b>Intro. to Sociology of Organizations</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
	<b>Introduction to Law</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>UET 1.1 Transversal Unit</b>		<b>1</b>	<b>1</b>					
	<b>Foreign Language 1</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>Total of semester 1</b>		<b>30</b>	<b>17</b>	<b>16h30</b>	<b>9h00</b>	<b>382h30</b>		

**2nd Semester:**

Teaching Unit Code & Name	Module Title	Credits	Coefficients	Weekly Hours (Lectures)	Weekly Hours (Tutorials/Practical)	Semester Hours (15 weeks)	Evaluation (Continuous)	Evaluation (Exam)
<b>UEF 2.1 Fundamental Unit</b>		<b>18</b>	<b>9</b>					
	<b>Financial Accounting 2</b>	<b>6</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Microeconomics 2</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Business Economics</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>History of Economic Thought</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UEM 2.1 Methodological Unit</b>		<b>9</b>	<b>5</b>					
	<b>Statistics 2</b>	<b>5</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Mathematics 2</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UED 2.1 Discovery Unit</b>		<b>2</b>	<b>2</b>					
	<b>Information Technology 1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1h30</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
	<b>Commercial Law</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>UET 2.1 Transversal Unit</b>		<b>1</b>	<b>1</b>					
	<b>Foreign Language 2</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1h30</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>Total of semester 2</b>		<b>30</b>	<b>17</b>	<b>13h30</b>	<b>10h30</b>	<b>382h30</b>		

**3rd Semester:**

<b>Teaching Unit Code &amp; Name</b>	<b>Module Title</b>	<b>Credits</b>	<b>Coefficients</b>	<b>Weekly Hours (Lectures)</b>	<b>Weekly Hours (Tutorials/Practical)</b>	<b>Semester Hours (15 weeks)</b>	<b>Evaluation (Continuous)</b>	<b>Evaluation (Exam)</b>
<b>UEF 1.2 Fundamental Unit</b>		<b>18</b>	<b>9</b>					
	<b>Management Accounting</b>	<b>6</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Macroeconomics 1</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Public Finance</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Monetary Economics</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UEM 1.2 Methodological Unit</b>		<b>9</b>	<b>5</b>					
	<b>Statistics 3</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Financial Mathematics</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Introduction to Business Admin.</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>UED 1.2 Discovery Unit</b>		<b>2</b>	<b>2</b>					
	<b>Methodology</b>	<b>2</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UET 1.2 Transversal Unit</b>		<b>1</b>	<b>1</b>					
	<b>Information Technology 2</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1h30</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>Total of semester 3</b>		<b>30</b>	<b>17</b>	<b>13h30</b>	<b>10h30</b>	<b>382h30</b>		

**4th Semester:**

Teaching Unit Code & Name	Module Title	Credits	Coefficients	Weekly Hours (Lectures)	Weekly Hours (Tutorials/Practical)	Semester Hours (15 weeks)	Evaluation (Continuous)	Evaluation (Exam)
<b>UEF 2.2 Fundamental Unit</b>		<b>18</b>	<b>9</b>					
	<b>Corporate Finance</b>	<b>6</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Macroeconomics 2</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Business Management</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>International Accounting Standards</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UEM 2.2 Methodological Unit</b>		<b>9</b>	<b>5</b>					
	<b>Statistics 4</b>	<b>5</b>	<b>3</b>	<b>3h00</b>	<b>1h30</b>	<b>67h30</b>	<b>40%</b>	<b>60%</b>
	<b>Operations Research Basics</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UED 2.2 Discovery Unit</b>		<b>2</b>	<b>2</b>					
	<b>Entrepreneurship</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
	<b>Business Ethics</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>UET 2.2 Transversal Unit</b>		<b>1</b>	<b>1</b>					
	<b>Foreign Language 3</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>Total of semester 4</b>		<b>30</b>	<b>17</b>	<b>13h30</b>	<b>12h00</b>	<b>382h30</b>		

**5th Semester (Specialization: Finance)**

Teaching Unit Code & Name	Module Title	Credits	Coefficients	Weekly Hours (Lectures)	Weekly Hours (Tutorials/Practical)	Semester Hours (15 weeks)	Evaluation (Continuous)	Evaluation (Exam)
<b>UEF 1.3 Fundamental Unit</b>		<b>18</b>	<b>8</b>					
	<b>Financial Management 1</b>	<b>5</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Advanced Financial Accounting 1</b>	<b>5</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Financial Markets</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Corporate Taxation</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UEM 1.3 Methodological Unit</b>		<b>9</b>	<b>4</b>					
	<b>Financial Audit</b>	<b>5</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Banking Techniques</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UED 1.3 Discovery Unit</b>		<b>2</b>	<b>2</b>					
	<b>Business Law</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>-</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>AI &amp; Applications in Finance</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UET 1.3 Transversal Unit</b>		<b>1</b>	<b>1</b>					
	<b>Specialized Foreign Language 1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1h30</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>Total of semester 5</b>		<b>30</b>	<b>17</b>	<b>12h00</b>	<b>13h30</b>	<b>382h30</b>		



**6th Semester (Specialization: Finance) / Graduation Project**

Teaching Unit Code & Name	Module Title	Credits	Coefficients	Weekly Hours (Lectures)	Weekly Hours (Tutorials/Practical)	Semester Hours (15 weeks)	Evaluation (Continuous)	Evaluation (Exam)
<b>UEF 2.3 Fundamental Unit</b>		<b>18</b>	<b>8</b>					
	<b>Financial Management 2</b>	<b>5</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Advanced Financial Accounting 2</b>	<b>5</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Financial Theory</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>International Trade &amp; Finance</b>	<b>4</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UEM 2.3 Methodological Unit</b>		<b>9</b>	<b>4</b>					
	<b>Investment Choice</b>	<b>5</b>	<b>2</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Graduation Project (Licence Thesis)</b>	<b>4</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>90h00</b>	<b>100% (Thesis)</b>	<b>-</b>
<b>UED 2.3 Discovery Unit</b>		<b>2</b>	<b>2</b>					
	<b>Data Analysis</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
	<b>Free and Open Source Software</b>	<b>1</b>	<b>1</b>	<b>1h30</b>	<b>1h30</b>	<b>45h00</b>	<b>40%</b>	<b>60%</b>
<b>UET 2.3 Transversal Unit</b>		<b>1</b>	<b>1</b>					
	<b>Specialized Foreign Language 02</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1h30</b>	<b>22h30</b>	<b>100%</b>	<b>-</b>
<b>Total of semester 6</b>		<b>30</b>	<b>15</b>	<b>10h30</b>	<b>15h00</b>	<b>337h30 + 90h00 Project</b>		