

MASTER 2

Finance

Advanced Studies and Research in Finance

Initial training (National diploma, Bac + 5)

The aim of the Advanced Studies and Research in Finance (ASRF) program is to train graduates with a strong background in financial analysis in an international context, as well as specialists in quantitative financial management and market finance. The program prepares students for the CFA (Chartered Financial Analyst) exam.

It provides professional opportunities in consulting and research (fundamental or applied), both in the academic sphere (universities, business schools) and in financial organizations (banks, insurance companies, financial institutions, etc.).

The specificity of the program is to combine intensive French language courses (200 hours) with a comprehensive academic program in Finance taught exclusively in English.

PUBLIC

The Master's program is aimed at students in economics, management, finance, accounting or other fields wishing to benefit from a dual skill set (MASH, MIASH, Engineers, etc.)

OBJECTIVES

The program is designed to train both French and foreign students who are interested in an international career in finance. This is the reason why all the courses are taught in English based on international course formats (project-based).

The lecturers use international financial databases (Bloomberg) and their teaching is based on international standards and regulations in terms of risk management (banking risks in particular), financial markets and accounting.

The program provides in-depth knowledge in the traditional fields of finance: market finance, corporate finance, risk management, financial markets, banking management....

At the end of the program, students are familiar with financial analysis, quantitative financial management and corporate financial decision-making. Some students decide to take national and international certifications (AMF, CFA).

OPPORTUNITIES

The traditional professional opportunities include the various consulting, analytics, and research careers (fundamental or applied). Most students find jobs in financial organizations (banks, financial institutions, asset management companies, insurance companies, etc.), in the academic sphere (universities, business schools) and corporate finance departments.

CONTACTS

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Financial researchers and consultants (market or corporate finance), risk managers, portfolio and asset managers, financial executives, etc.

Researchers or professor-researchers (this opportunity implies further doctorate studies)

Financial managers and executives in finance departments, in investment banks and insurance companies.

Assets :

A significant advantage: 3 professional certifications are included in the Master's degree: AMF, Bloomberg, CFA Professional Certification

- AMF (French Financial Markets Authority) certification

The students of the Master 2 Finance with sufficient command of French can take the AMF (French Financial Markets Authority) certification. This opportunity is offered to students thanks to the support of the IGR-IAE Foundation.

- Bloomberg certification (Bloomberg Market Concept) with the Bloomberg Institute

With our trading room featuring Bloomberg terminals, it is possible for you to take the internationally recognized Bloomberg Market Concepts (BMC) certification through online training (approximately 10 hours). The cost of this certification is covered by IGR-IAE.

- A preparation for the CFA level 1 finance certification

The CFA®, Chartered Financial Analyst is undoubtedly the most renowned international professional certification in Finance, both in banking and business. Passing the 1st of the 3 levels at the end of your M2 Finance is a significant asset that will make you stand out and give you a crucial advantage when it comes to recruitment. Only 2 other Masters in Finance and the 5 best Grandes Ecoles in France include CFA level 1 preparation. Successful completion of the exam involves serious work (about 200 hours) for which the Master Finance prepares you in the best conditions (2 full weeks of preparation) to maximize your chances of passing the exam in June or December,

As a complement to these two weeks, IGR-IAE offers an online training platform (Barchen) as well as the book Réussir le CFA Level 1 written by Christine Verpeaux (Ensaie, CFA, PRM) who will deliver several modules during these two sessions of study.

Exam in June or December

Registration for the CFA exam is to be done directly with the CFA Institute (cost varies depending on the date of registration: about 1000 euros).

- International Partners

IGR-IAE has signed a double degree and international mobility agreement with the ENCG Agadir, University IBN Zohr, in Morocco.

> The ASRF program welcomes engineering students from:

- ENSAI
- INSA Rennes as part of a dual degree program

> A dynamic network of 20,000 graduates: IGR Alumni



Bloomberg



CFA Institute





APPLYING

Tuition fees : 6000€

Duration : 2 semesters + internship.

Course location : IGR – IAE Rennes

Start : beginning of September

Requirements

Selective access:

2nd year

Students should hold a 4-year Bachelor's, or a Master 1 or Master 2 or a 4 or 5-year business school diploma (240 ECTS)

Selection

Selection after review of the educational file and recruitment interview with the training panel.

Application deadline: from November to May

Interview dates: from February to May

Preparing your application file

- Application form: available online at: <https://applying-pegase.univ-rennes.fr/>
- Photocopies of diplomas and/or transcripts
- CV and cover letter | passport photo | professional certificates, etc.





PROGRAMME

Semester 1

UE 1 – Recent advances in asset management & financial markets / 7 ECTS

- Portfolio Management 1
- Portfolio Management 2
- Derivatives
- Options and markets

UE 2 – Recent advances in banking & corporate finance / 6 ECTS

- Banking risk, regulation and climate risk
- Corporate finance and capital structure
- Management Control for financial institutions

UE 3 – Quantitative techniques, softwares & data management / 6 ECTS

- VBA for finance
- Bloomberg & BMC certificate
- Financial econometrics

UE 4 – Mineure de spécialité (au choix) / 6 ECTS

- Preparation 1 to CFA : several CFA courses
ou
- Preparation to research :
 - Quantitative Financial & Risk Management
 - Time series analysis & machine learning : EA for finance
 - Research trends in banking and finance

UE 5 – Mineure d'ouverture / 2 ECTS

- French : FLE
ou
- English : TOEIC preparation
- AMF preparation



UE 1 – Recent advances in corporate & sustainable finance / 6 ECTS

- Fixed income securities
- Social and green finance
- International corporate finance

UE 2 – Financial accounting & reporting / 6 ECTS

- Accounting
- Financial Analysis

UE 3 – Conferences & new topics / 2 ECTS

- Conferences in Finance

UE 4 – Mineure de spécialité (au choix) / 6 ECTS

- Preparation 1 to CFA : several CFA courses
ou
- Preparation to research :
 - Computational Finance
 - R programming & econometrics for research in finance
 - Mathematical Finance

UE 5 – Mineure d'ouverture / 2 ECTS

- French : FLE
ou
- Sustainable AMF preparation

UE6- Professional experience /8 ECTS

- Internship and/or research dissertation
- Career week

