

Master in Finance

Advances in finance and accounting 2nd year

Presentation

The "Advances in finance and accounting" (AFA) Professional + Research master's degree prepares you for careers in insurance, banking, corporate financial management, market finance and accounting or auditing firms.

This program is also a stepping-stone toward a Doctoral degree leading to academic and research opportunities either in university based or public/private research organizations.

This AFA master's degree provides a full English, high-level instruction in complementary fields such as financial markets, corporate finance, banking, insurance, auditing and accounting. Its specificity resides in providing in-depth fundamental notions in all of these areas together with advanced tools needed for analysis, treatment or modeling of finance, accounting and audit data.

Registration and scholarships

French and European candidates should hold a university degree of 240 ECTS credits.

For non-European candidates, a 4-year university degree minimum is required, and prior studies will be examined and approved by a university committee. A study validation form is available online with the course application form.

Those for whom English is not their native language, or who have not been studying fully in English or living in an English speaking country for some (significant) time will need to demonstrate an advanced level of English. This can be done by providing a TOEIC, TOEFL, IELTS or even GMAT score.

Although it is not compulsory, a statement of purpose supporting your application (separate from your application form) is recommended. This statement should outline 1/ why you are interested in this particular degree, 2/ how this course would impact your future career and 3/ what makes you stand out as a strong applicant.

Speaking French is not required, as the program is taught solely in English, however we strongly recommend that you take a beginners class in French before coming to France to ease your everyday life.

The admissions committee assesses the overall quality of application, your academic record (subjects taken, grade average & ranking in class), your statement of purpose (esp. mentions of motivations, prior work and international experience) as well as your references.

Public continuing education:

You are in charge of continuing education:

- if you resume your studies after 2 years of interruption of studies,
- or if you followed training under the continuous training regime one of the previous 2 years
- or if you are an employee, job seeker, self-employed.

If you do not have the diploma required to integrate the training, you can undertake a [validation of personal and professional achievements \(VAPP\)](#).

Practicals informations :

- > **School** : Institut d'Administration des Entreprises (IAE)
- > **Duration** : 1 year
- > **Course type** : Initial and Continuing Education

> **Location(s)** : Grenoble - University campus

Program

Master 2nd year

Semester 9

UE Data Analysis	10 ECTS	48h
- Quantitative methods for finance and accounting		24h
- Advanced econometrics and programming for finance		24h
UE Basics in finance and financial accounting	10 ECTS	48h
- Portfolio theory and management		24h
- Accounting information and financial markets		12h
- Organization theory		15h
UE Advanced topics in finance and accounting	10 ECTS	60h
- Options, futures and other derivatives		36h
- Advanced corporate finance		24h

Semester 10

UE Term paper	5 ECTS	24h
- Literature review and research problem		12h
- Methodology, analysis and presentation		12h
UE Specialized topics in finance and accounting	10 ECTS	36h
- Empirical finance		24h
- Financial accounting analysis		12h
- Final oral examination		
UE Master thesis	15 ECTS	