



Master Finance

Dual degree program with
HEC Liège

Dear candidate,

Aix-Marseille School of Economics promotes the idea of students acquiring international experience throughout their academic journey. This can be achieved through various avenues, including participating in a dual degree program. The advantages of such international experiences are indisputable.

One of the key benefits is the opportunity to gain fresh perspectives. Experiencing education and life in a different country allows students to broaden their worldview, fostering a more comprehensive understanding of global issues and diverse cultural practices. This exposure to new ideas contributes significantly to personal and intellectual growth.

Moreover, engaging with a different academic culture can be intellectually enriching. Experiencing diverse teaching methods, research approaches, and academic environments can enhance a student's skill set and provide a well-rounded education. It encourages adaptability and flexibility, qualities that are increasingly valuable in our interconnected and rapidly changing world.

Beyond the academic realm, international experiences contribute to the expansion of personal and professional networks. Interacting with individuals from diverse backgrounds not only enhances cultural competence but also creates connections that can be valuable in both personal and professional spheres. Building a global network can open doors to future collaborations, career opportunities, and a deeper understanding of the interconnectedness of the academic and professional landscape.

In essence, Aix-Marseille School of Economics recognizes the multifaceted advantages of international experiences for students.

Best regards,

Karine Gente

Professor of Economics

Vice Dean International Relations

● What is a dual degree?

A dual degree is a distinctive dual program that offers you the opportunity to:

- Study at two prestigious universities.
- Obtain two diplomas.
- Cultivate a unique differentiator for your CV.
- Spend the first academic year abroad and the second year at AMSE.
- Engage in programs taught exclusively in English.

● Why choose a dual degree?

Opting for a dual degree presents a multitude of advantages:

- Immerse yourself in new academic experiences and elevate your intellectual prowess.
- Expand your horizons through increased cultural and social exposure.
- Delve into a new business environment and broaden your understanding.
- Foster valuable connections worldwide for future professional collaborations.
- Spend a full academic year in an outstanding city and renowned school.
- Become an integral part of a diverse and inclusive international community.
- Equip yourself with the tools for a successful international career.

● How does it work?

- Eligibility: Students must hold a 180 ECTS Bachelor's degree and the English level certification (B2, TOEIC or TOEFL)
- Duration: Four semesters (two years).
- Language: French/English.
- Accreditation: 120 ECTS.
- The M1 takes place in Belgium, Liège, HEC Liège.
- The M2 takes place in France, Marseille, AMSE/Aix-Marseille Université.

Curriculum

Master 1, choose 1 track among 2

Master 1 Financial Analysis and Audit (track GP in M2, see page 6)

Courses - Semesters 1 and 2	ECTS
International and Belgian Taxation ou Private International Law	3
Entrepreneurship and Innovation	3
International Strategy	3
Management Information Systems	5
Development of Managerial Skills ou Développement des compétences managériales	2
Quantitative Methods in Management	5
Strategic Marketing	5
Corporate Finance	5
Business Ethics	3
Digital Business	3
Change Management	5
Foreign Language	3
Audit	5
Consolidation and IFRS	5
Strategic Performance Management	5

Master 1 Banking and Asset Management (track R2FD in M2, see page 5)

Courses - Semesters 1 and 2	ECTS
International and Belgian Taxation ou Private International Law	3
Entrepreneurship and Innovation	3
International Strategy	3
Management Information Systems	5
Development of Managerial Skills ou Développement des compétences managériales	2
Quantitative Methods in Management	5
Strategic Marketing	5
Corporate Finance	5
Business Ethics	3
Digital Business	3
Change Management	5
Foreign Language	3
Banking and Insurance	5
Financial Derivatives	5
Investments and Portfolio Management	5

Master 2, choose 1 track among 2

Track Financial Risks and Sustainable Finance (R2FD), only in English

Courses - Semester 3	ECTS
BCC 1 : Etre capable d'évaluer et gérer les actifs financiers de manière durable	
Evaluation d'actifs financiers / Financial Assets Valuation	6
Pricing d'options / Derivation pricing	
Obligation verte et produits structurés / Green bonds and structured products	
Projet de fin d'études en finance / Final year project in finance	
Gestion d'actifs financiers / Financial asset management	6
Gestion de portefeuille et mesures de performance / Portfolio management and performance measures	
Allocation d'actifs et décarbonisation / Asset allocation and decarbonisation	
BCC 2 : Etre capable de mesurer et gérer les risques financiers et climatiques	
Mesures de risque / Risk measures	6
Modèles de risque marché / Market risk models	
Modèles de risque de crédit / Credit risk models	
Econométrie de la finance / Financial econometrics	
Gestion des risques financiers / Financial risk management	6
Risque et conformité / Risk and compliance	
Gestion obligataire et risque de taux / Bond management and interest rate risk	
Gestion du risque climatique / Climate risk management	
BCC 3 : Etre capable de construire une stratégie financière incluant des critères de durabilité	
Financement / Financing	6
Analyse financière et extra-financière / Financial and extra-financial analysis	
Financement structuré / Structured finance	
Finance durable / Sustainable finance	
Courses - Semester 4	ECTS
BCC 3 : Etre capable de construire une stratégie financière incluant des critères de durabilité	
Techniques numériques en finance / Numerical methods in finance	6
Méthodes d'optimisation en finance / Optimization methods in finance	
Finance computationnelle et gestion d'actifs / Computational finance and asset management	
BCC 4 : Etre capable de problématiser et de présenter une mission dans un contexte professionnel et de mener à bien un travail de recherche	
Mémoire et stage / Master thesis and internship	24
Research methodology / Méthodologie de la recherche	
Atelier de Professionnalisation / Professional training	
Mémoire appliqué ou de recherche / Applied or research thesis	
Grand oral / Oral exam	

Track Wealth Management (GP), only in French

Courses - Semester 3	ECTS
BCC 1 : Etre capable d'établir une approche patrimoniale, juridique et fiscale dans le respect de la conformité et de la déontologie	
Droit et Réglementation	5
Droit notarial et patrimonial (24h)	
Déontologie et réglementation (18h)	
Fiscalité	5
Fiscalité nationale (24h)	
Fiscalité internationale (12h)	
BCC 2 : Etre capable de connaître et valoriser des actifs divers	
Immobilier et Sociétés Civiles	5
Immobilier (24h)	
Sociétés Civiles (12h)	
Actifs	5
Actifs financiers expert (18h)	
Produits de diversification (18h)	
BCC 3 : Etre capable d'élaborer, de valoriser et de gérer de façon responsable un portefeuille d'actifs financiers et extra-financiers	
Analyse et Evaluation	5
Analyse contextuelle et économique (18h)	
Analyse financière et extra-financière (18h)	
Gestion Financière	5
Allocations et sélection de fonds (24h)	
Gestion éthique et responsable (18h)	
Courses - Semester 4	ECTS
BCC 5 : Etre capable de problématiser et de présenter une mission dans un contexte professionnel	
Projets	10
Projet de fin d'études (12h)	
Grand Oral (Tutorat)	
Recherche appliquée	10
Méthodologie (12h)	
Atelier de Professionalisation (12h)	
Mémoire appliqué	
BCC 4 : Etre capable de déterminer une stratégie patrimoniale adaptée au profil du client	
Expertise Patrimoniale	5
Assurance (18h)	
Retraite (16h)	
Prévoyance (16h)	
Conseil et Négociation	5
Profil client et Gestion de la relation (16h)	
Diagnostic et Bilan (16h)	
Etudes de cas (6h CM et 12h TD)	



Contacts

E-mail infoecole@amse-aixmarseille.fr

Website <https://www.amse-aixmarseille.fr/en/study/amse-school>

AMSE is a department of the Faculty of Economics and Management, within Aix-Marseille Université.

Photo by Summit Art Creations on Adobe Stock