

MSc FINANCIAL MARKETS AND INVESTMENTS

FINANCE

INTAKES & CAMPUSES:

SEPTEMBER IN PARIS & SOPHIA ANTIPOLIS (FRANCE)
AUGUST IN RALEIGH (USA)

TAUGHT IN ENGLISH



Previous professional experiences required in Finance

4th worldwide in the 2018 Financial Times
Masters in Finance ranking



Master in Finance
Ranking 2018

University Affiliation Program CFA Institute®

In the Financial Times' worldwide top 10 for five consecutive years

Students are educated in a custom-made academic environment that facilitates success across a wide variety of market finance jobs. The MSc gives students practical expertise for key areas of finance in the new post-crisis environment.

Students learn the latest methods in trading, risk management, ethics and compliance, sales, private and investment banking as well as sustainable finance. The programme is market-oriented and practical where students are trained to make an immediate impact in their first job. The availability of Bloomberg terminals with live quotes and up-to-date financial information further prepares students to have a better understanding of the markets ahead of their transition to industry.

The programme is built on four pillars: macro and micro-economics, financial asset knowledge, quantitative tools and financial markets advanced methods.

Career opportunities

Trader, broker, sales analyst, risk manager, financial analyst, asset manager, portfolio manager, investment advisory, financial consultant, investment banker, ECM & DCM, private wealth management, private equity.

Why choose this programme

- ▶ Highly international classes allow students to build fruitful inter-cultural relationships.
- ▶ Classes are taught by professors who have solid academic backgrounds and professional experience in industry.
- ▶ Teaching emphasizes a hands-on, problem-solving approach that allows graduates to work productively from their first day of work.
- ▶ The programme is developed constantly to ensure its relevance to job requirements in a shifting market. Classes are also complemented by talks given by full time, high-caliber practitioners and finance tracks
- ▶ Strong links with alumni who have reached top positions around the world.
- ▶ Throughout the year, students develop professional contacts, get access to information from a variety of sources, and learn from each other. The highly international make-up of classes makes it very easy to create a global network of friends and colleagues.
- ▶ Use of the Bloomberg terminals and simulation games delivers reality-based training.

One programme, three locations, five specialisations

Regarding the increasing complexity of market finance, we offer common fundamentals and five different specialisations spread over the three campuses:

- ▶ Trading, Structuring and Portfolio Management related courses in Sophia Antipolis,
- ▶ Asset Management and Investment Banking in Paris,
- ▶ Quantitative Portfolio Management and Valuation and the newly launched CFA® preparation track in Raleigh.

The classes are built on a diversity of student backgrounds and professional experiences. Highly international classes reflect the reality of working in today's global business environment. The teaching is provided by a subtle mix of prestigious practitioners and our international faculty members who have both strong academic and professional experience.

Admission contacts for French students

France: +33 (0)1 41 16 76 71
or +33 (0)3 20 21 59 25
admissionspostgraduate@skema.edu

Admission contacts for International students

France: +33 (0)3 20 21 59 69
or +33 (0)1 41 16 75 34
USA: +1 (919) 535-5701
China: +86 512 6260 2865
international.admissions@skema.edu

6

campuses on
four continents

8000

students

120+

nationalities on
SKEMA's campuses

42,000

graduates throughout the
world in 145 countries

Triple accreditation



25th best worldwide Master in
Management (2018)

4th best worldwide MSc Financial
Markets & Investments (2018)

WWW.SKEMA.EDU

skema
BUSINESS SCHOOL

Programme structure

FALL SEMESTER

CORE CLASSES IN FALL	
PARIS & SOPHIA ANTIPOLIS CAMPUSES	RALEIGH (US) CAMPUS
MACRO-PICTURE	
Macro-Economics, Global	International Financial Economics
How Financial Markets Work	
Bloomberg Data Analysis	
Country Risk	Cross cultural competencies I, II or III <i>(US regional overview, historical overview or other)</i> Course with NCSU (North Carolina University).
FINANCIAL ASSETS	
Equity Valuation & Financial Analysis	Asset Valuation & Financial Analysis
Fixed Income	
Derivatives	Derivative Instruments
TOOLS	
Introduction to Stochastic Calculus	Advanced Financial Mathematics
Financial Econometrics (with R)	Applied Derivatives and Market Analysis
VBA	VBA Programming
Applied VBA (Asset Pricer Project)	
Other Technical Tool (Excel Modelling)	CFA® Level 1 electives for track students
Finance Research & Modelling with R	
Extra conferences on tools or hot topics in finance delivered by esteemed faculty and external practitioners	
Professional & Personal Development	

TOTAL CREDITS FALL: 30

HIGHLIGHTS

▶ Portfolio Allocation Game on Bloomberg	All campuses
▶ Brokerage simulation Game	Paris and Sophia Antipolis campuses
▶ Course exchange opportunities with NC State University Quantitative Finance Department	Raleigh campus
▶ Visit of important market finance firms or banks in the US	
▶ OPT visa optimising professional insertion across the US	
▶ A Dealing Room visit in La Défense	Paris campus
▶ STRONG FOCUS ON PRACTICE OF MARKET FINANCE ▶ EQUIVALENT TEACHING HOURS ON EACH CAMPUS (INCLUDING COACHINGS) ▶ STATE OF THE ART TECHNOLOGIES AND BLOOMBERG ROOMS AVAILABLE ON ALL CAMPUSES	

SPRING SEMESTER

CORE CLASSES IN SPRING	
PARIS & SOPHIA ANTIPOLIS CAMPUSES	RALEIGH (US) CAMPUS
FINANCIAL MARKETS ADVANCED METHODS	
Portfolio Management	Portfolio Management
Simulation Game: Portfolio Allocation Contest (on Bloomberg)	Portfolio Management Simulation (Paris and Raleigh)
Credit Risk Exposure CVA	Credit Risk Management (Theory and Practice)
Fixed Income Management	Fixed Income
Financing/Investment Strategy (ECM & DCM)	Structured Products
My SQL Programming	Programming in R/Python
MANAGEMENT TOOLS	
Ethics and Compliance in Financial Markets	Ethics and Compliance in Financial Markets
Employability and Career	Cross Cultural Competencies -US focus

TOTAL CREDITS SPRING: 30

ADVANCED SPECIALISATION CLASSES IN SPRING	
PARIS CAMPUS: SELECT 1 OUT OF THE 2 TRACKS (WITH 8 TOPIC COURSES)	
TRACK IN ASSET MANAGEMENT	TRACK IN INVESTMENT BANKING
Applied Financial Econometrics	Investment Valuation, LBO & Private Equity
Applied Technical Analysis	M&A and Restructuring
Advanced Derivatives & Structured Products	ALM & Strategic Asset Valuation
Alternative Investments	Banking Risk Management & Behavioural Finance
Private Banking	Deal & Negotiation Skills
Investment Fund France	Sales Methods
ETF Investment	Due Diligence & Investment Frame
Blockchain & Fintech	Basel Regulation

SOPHIA ANTIPOLIS CAMPUS (SELECT 8 TOPIC COURSES)	RALEIGH CAMPUS (FULL SEMESTER COURSE OF 39 HOURS WITH 8 TOPICS)	
TRACK IN TRADING, STRUCTURING AND PORTFOLIO MANAGEMENT	TRACK IN QUANTITATIVE PORTFOLIO MANAGEMENT AND VALUATION	FMI PROGRAM CFA® TRACK
Equity & Fx Structured Products	Swaps, Options & Financial Strategies.	Portfolio Management and Alternative Investment
Technical Analysis		
Exotic Options	Equity, Fixed Income and Derivatives Trading Strategies	Economics and Quantitative Methods
Quantitative Portfolio Management	Fixed Income Structured Products	Equity Valuation and Corporate Finance
Advanced Commodities	Collateralized Debt Obligations	
Fixed Income Structured Products	Credit Default Swaps	Fixed Income and Derivatives
Option Book Management	Mortgage-backed Security	Financial Reporting and Analysis
Quantitative Modelling of the Value at Risk	Greeks and Dynamic Investment Strategies	Ethical and Professional Standards
Credits (Cds)		
Fintech: A New Tool?	Bloomberg-powered Technical Analysis	
ETF Pricing & Trading	Stochastic and Deterministic-based Models	

TOTAL CREDITS: FALL (30) + SPRING (30) + DISSERTATION (30) = 90

ALL CAMPUSES ALLOW ACCESS TO THE SAME MARKET FINANCE POSITIONS; HOWEVER, EACH TRACK HAS A SPECIFIC FOCUS THAT CAN PROVIDE STUDENTS WITH A SPECIALISATION.

PARIS TRACK: ASSET MANAGEMENT - FOCUS ON BUY-SIDE

Examples: Financial analyst • Asset and fund manager • Portfolio manager • Technical analyst • Hedge fund manager • Broker • Real estate investors • Private banking

PARIS TRACK: INVESTMENT BANKING - FOCUS ON SELL-SIDE/ADVISORY

Examples: Financial analyst • Global research/economist • M&A, corporate operations • Financial consultant • Risk manager • Ratings & scorings • Compliance and regulation • Banking & sales • Treasury manager • Private equity • Investment banker

SOPHIA ANTIPOLIS TRACK: TRADING, STRUCTURING & PORTFOLIO MANAGEMENT- FOCUS ON FRONT OFFICE- BUY/SELL-SIDE

Examples: Trader • Risk manager • Structurer • Sales • Hedge fund manager • Asset manager • Portfolio management • Wealth management • Financial analyst • EFT market maker • Commodity trader

RALEIGH TRACK: QUANTITATIVE PORTFOLIO MANAGEMENT & VALUATION -

FOCUS ON BUY-SIDE/ADVISORY - US MARKETS

Examples: Financial analyst • Brokerage • Sales analyst • Asset manager • Advisor in complex financial products • Securitisation advisor • Equity capital markets • Debt capital markets • Structured products • Treasury manager

RALEIGH CFA® TRACK:

FOCUS ON THE CFA® CANDIDATE BODY OF KNOWLEDGE (CBOK) - in partnership with the CFA® Institute

- ▶ Track prepares students for the CFA® Level I and II exams but does not obligate CFA® exam test taking at the end of respective semesters, priority is academic achievement in curriculum courses
- ▶ Three scholarships will be offered (waives one-time \$450 enrollment fee for Level I candidates and reduces registration fee to \$350 for Level I and II candidates) based on first semester academic performance
- ▶ Offers students the valuable opportunity to accelerate their course learning by pursuing the CFA® license while in school.



Paola Centola, MSc
Financial Markets and Investments 2016-17

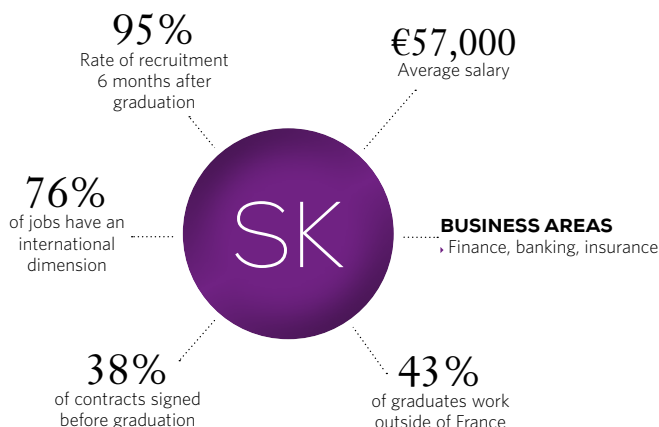
“In the MSc Financial Markets & Investments, you become really aware of all the relevant news.

The 24/7 access to Bloomberg terminals is a gold mine to understand markets, get relevant and trusted sources, and use financial tools. Programming in VBA, presenting and creating case studies, working in a team made of seven different nationalities have been critical to building a solid profile. Through the year, you manage portfolios, evaluate companies, and price contracts like a professional would. Thanks to the preparation and responsiveness of teachers, the administration and the SKEMA Investment Banking Club we visited top financial firms in New York and Washington, building our network and taking the best practice for the American way of doing business.

Studying on the Raleigh campus allowed me to pursue the OPT, the working visa for international students on the US territory. Two months after my last exam I am living in San Francisco, writing my final thesis on sustainable finance and working as a financial analyst in BeeBell, a successful machine-learning events recommendation start-up, located in the Plug and Play Tech Centre, the biggest worldwide startups tech accelerator, right in the heart of Silicon Valley.”

SKEMA MSc Employment rate

MSc Financial Markets and Investments
SKEMA Careers Service employment survey class of 2016



Programme Directors

- ▶ Paris: Amaury Goguel
- ▶ Raleigh: Alexander Deshkovski
- ▶ Sophia Antipolis: Tarek Amyuni

Tuition fees

- ▶ One-year MSc: €21,500
- ▶ Two-year MSc option: €30,000 (total fees for two year’s tuition)

Recruiting companies

Amundi, BNP Paribas, BPI Investments, CACIB, Caceis Bank, Credit Suisse, Commerzbank, EFG, EY, DB, GFI, HSBC, Mazars, Natixis, Société Générale, Morgan Stanley, JP Morgan, Pimco, UBS, Weiser Investment....

