

# SKEMA BUSINESS SCHOOL

## MSc FINANCIAL MARKETS AND INVESTMENTS

### FINANCE

#### INTAKES & CAMPUSES:

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

TAUGHT IN ENGLISH



3<sup>rd</sup> worldwide in the 2020 Financial Times  
Masters in Finance ranking



Master in Finance  
Ranking 2020

University Affiliation Program CFA Institute®

## In the Financial Times' worldwide top 5 for two 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 emphasises 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-calibre 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 in Sophia Antipolis,
- ▶ Asset Management in Paris
- ▶ Investment Banking in Paris,
- ▶ Financial Analysis and the CFA® preparation track in Raleigh + OPT visa to insert in US/Wall Street

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

7

campuses on  
five continents

9,000

students

120

nationalities on  
SKEMA's campuses

48,000

graduates throughout the  
world in 145 countries

Multi-  
accredited



12<sup>th</sup> best worldwide Master in  
Management (2019)

3<sup>rd</sup> best worldwide MSc Financial  
Markets & Investments (2020)

WWW.SKEMA.EDU

**skema**  
BUSINESS SCHOOL

# Programme structure

## Paris campus (approximative picture)

MANDATORY COURSES - SEMESTER 1		SEMESTER 2	
<b>MACRO-PICTURE &amp; FINANCIAL MARKETS</b>		<b>ELECTIVES COURSES - MARKET FINANCE TOOLS</b> (CHOOSE AT LEAST 2 ELECTIVES)	
<b>CREDITS</b>		<b>CREDITS</b>	
Preschooling: Financial Markets Microstructure   Bloomberg Data Analysis BMC   Principles of Valuation - Financial Analysis	-	Python Applied to Finance	2
Country Risk & Global Macro Investments	2	MySQL Programming for Data Bases	2
Tactical Asset Allocation & Financial Indicators	2	Time Series for Financial Data	2
<b>ASSET CLASSES</b>		<b>RESEARCH &amp; COMMUNICATION SKILLS</b>	
<b>CREDITS</b>		<b>CREDITS</b>	
Equity Valuation & Financial Analysis	3	Artificial Intelligence Tools for Market Finance (MSFT Power Platform)	2
Firm Valuation Project	2	Portfolio Simulation (cross MSc.FMI campuses)	2
Derivatives Valuation & Strategies	3	Finance Research and thesis Project (II) (for students engaged in MSc thesis)	-
Fixed Income 1: Pricing & Valuation	2	Communication and Sales Methods (for students not engaged in MSc thesis)	-
Credit Strategies	2	Employability & Personal Development	1
Private makets & Sustainable Investments (ESG criteria)	2		
Portfolio Management	2		
<b>MARKET FINANCE TOOLS</b>		<b>CREDITS</b>	
<b>CREDITS</b>		<b>CREDITS</b>	
Foundation of Financial Econometrics (with R programming)	3		
Stochastic Calculus for Finance	2		
Foundation of VBA Programming	1		
VBA 1: Pricing & Modelling	3		
Finance Research and thesis Project (I) (only for students engaged in thesis)	-		
Employability & Personal Development	1		
<b>TOTAL CREDITS SEMESTER 1 =</b>	<b>30</b>		

SEMESTER 2 - IB TRACK		SEMESTER 2 - AM TRACK	
LEARNING TRACKS (CHOOSE ONE OUT THE TWO TRACKS)		LEARNING TRACKS (CHOOSE ONE OUT THE TWO TRACKS)	
<b>INVESTMENT BANKING TRACK</b>		<b>ASSET MANAGEMENT TRACKS</b>	
<b>CREDITS</b>		<b>CREDITS</b>	
Firm Credit Ratings	-	Investment Simulation & Practice (Amplifying Technology)	-
Fintechs & Blockchain: a Practical View	-	Fintechs & Blockchain: a Practical View	-
Deal & Negotiation Training	-	ETF, Smart Betas and Factor Investing	-
Basel & Banking Regulation Outlook	-	Market Signals for Asset Managers	-
IPOs Simulation (Amplifying Technology)	-	Sales Simulation & Practice	-
CIB Job Market Coaching	-	VBA Modelling Coaching	-
<b>INVESTMENT BANKING TRACK</b>		<b>ASSET MANAGEMENT TRACKS</b>	
<b>CREDITS</b>		<b>CREDITS</b>	
Equity Research & Practice	2	Equity Research & Practice	2
Corporate Equity Derivatives - Financial Engineering	2	Fixed Income Management	2
Equity & Debt Capital Market	2	Advanced Econometrics & Modelling with R	2
Fixed Income Management	2	Derivatives & FI training for CFA2	2
Investment Valuation	2	Alternative Investments	2
Excel Valuation Case Studies	2	Portfolio Construction - Event Driven	2
Private Equity/LBO Training	2	Essentials of Technical Analysis	2
M&A and Restructuring	2	Structured Products & Advanced Derivatives	2
Post Merger Integration	2	Option Book Management	2
Strategic Asset-Liability Management	2	VBA 2: VBA Quant Development	2
Leveraged Finance - Project Finance	2	Volatility & Trading	2
Investment Bank Job Training	2		
<b>TOTAL CREDITS SEMESTER 2 =</b>	<b>30</b>	<b>TOTAL CREDITS SEMESTER 2 =</b>	<b>30</b>
Dissertation	30	Dissertation	30

**TOTAL FULL YEAR (SEMESTER 1 + SEMESTER 2 + DISSERTATION) = 90 CREDITS**

## Sophia Antipolis campus (approximate picture)

These details are for information only and may be changed by the school without prior notice.

MANDATORY COURSES - SEMESTER 1		CREDITS	MANDATORY COURSES - SEMESTER 2		CREDITS
Preschooling Bloomberg		0	Amplify Trading Simulation		0
Preschooling Financial Econometrics with R		0	Quantitative Portfolio Management		2
Prechooling Introduction to Stochastic Calculus		0	Employability & Career		1
Stochastic Calculus Applied to Financial Models		2	Fixed Income 2: Investment Strategies		3
Tackling Country Risk Challenges in the Age of Globalisation		3	Credit Value Adjustment (CVA)		3
Employability & Career		1	Portfolio Management Simulation		3
Financial Research & Modelling with R		3	Compliance and Ethics		2
Financial Econometrics with R		3	<b>ELECTIVE COURSES (CHOOSE 8) TRADING, RISK MANAGEMENT &amp; IT</b>		<b>CREDITS</b>
Fixed Income 1: Pricing and Valuation		2	Equity/FX Structured Products		2
Equity Valuation & Financial Analysis		4	Quantitative Modelling: Exotic Options		2
Derivative Valuation & Strategies		4	Commodities and Commodity Trading		2
MS Excel VBA Programming		4	Fixed Income Structured Products		2
VBA 1: Pricing Techniques		2	Current Economic and Geopolitical Issues		2
SQL Programming		2	Option Book Management		2
<b>TOTAL CREDITS SEMESTER 1</b>		<b>30</b>	Quantitative Modeling of the Value at Risk		2
			Traded Credit: CDS, CDO, CVA, Loans		2
			VBA 2: VBA Quantitative Development		2
			Python 1 Programming for Finance		2
			Python 2 Applied to Finance		2
			Fintechs and other Banking Ventures in a Digital World		2
			Artificial Intelligence Tools for Market Finance (MSFT Power Platform)		2
			<b>TOTAL CREDITS SEMESTER 2</b>		<b>30</b>
Dissertation					30
<b>TOTAL FULL YEAR (SEMESTER 1 + SEMESTER 2 + DISSERTATION) = 90 CREDITS</b>					

## Raleigh campus (approximate picture)

Raleigh curriculum includes all « CFA2-related courses » on top of other market finance tools

Preschooling: Bloomberg Data Analysis & Bmc		-			
<b>CORE COURSES (CFA CURRICULUM) - SEMESTER 1</b>		<b>CREDITS</b>	<b>CORE COURSES (CFA CURRICULUM) - SEMESTER 2</b>		<b>CREDITS</b>
Derivative Instruments		4	Fixed Income Investment II (CDO, CDS)		2
Fixed Income Investments I		2	Ethics, Compliance & Professional Standards (CFA Curriculum)		2
Corporate Finance		2	Equity Investment		2
Asset Valuation & Behavioural Finance		3	Financial Reporting and Analysis II (CFA Curriculum)		3
Financial Reporting and Analysis I		3	Alternative Investments and Portfolio Management		3
Global Macro Investments & Economics		2	<b>ASSET CLASSES AND INVESTMENTS</b>		<b>CREDITS</b>
Sustainable Finance & Governance		2	Applied Derivatives & Market Analysis (Bloomberg Based)		3
<b>TOOLS - SEMESTER 1</b>		<b>CREDITS</b>	Structured Products (Equity, Fixed Income)		3
Mathematical Finance: Statistics and Econometrics		3	ETF, Smart Betas & Factor Investing		3
Financial Modelling (VBA / Excel)		4	Portfolio Simulation (including Bloomberg Global Portfolio Contest )		3
<b>ELECTIVES (CHOOSE TWO ELECTIVES, MINIMUM 15 STUDENTS)</b>		<b>CREDITS</b>	<b>ELECTIVES (CHOOSE ANDE ELECTIVE. MIN 15 STUDENTS)</b>		<b>CREDITS</b>
Finance Practical Training: OPT Employability/ Interview Training		2	VBA Programming for Finance II		3
Artificial Intelligence Tools for Market Finance (MSFT Power Platform)		2	Python Foundation for Finance		3
Applied Valuation (Based on CFA Curriculum)		2	GTI	Cross Cultural Competencies (1 US credit)	
GTI	Cross Cultural Competencies (1 Us Credit)	2	RS2	Mathematical Fiancnc: Stochastic Calculus {Returning student (RS) course}	2
RS1	{Returning student(RS) course} Seminar in Finance (1 US Credit)		EAC	Employability and Career	1
EAC	Employability and Career	1	<b>TOTAL CREDITS SEMESTER 2 =</b>		<b>30</b>
<b>TOTAL CREDITS SEMESTER 1 =</b>		<b>30</b>	<b>TOTAL FULL YEAR (SEMESTER 1 + SEMESTER 2 + DISSERTATION) = 90 CREDITS</b>		

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 • 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 • ETF market maker • Commodity trader

**RALEIGH FINANCIAL ANALYSIS 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, however the priority is academic achievement in curriculum courses
- ▶ Several scholarships will be offered (waives one-time \$450 enrolment fee for Level I candidates and reduces registration fee to \$350 for Level I & II candidates) based on qualification exam administered during autumn semester
- ▶ Offers students the valuable opportunity to accelerate their course learning by pursuing the CFA® licence while in school.
- ▶ Offers students the possibility to participate in CFA® Institute meetings, students’ competitions, and research seminars.



**Roxane Raibaut**,  
MSc Financial Markets &  
Investments 2017-18

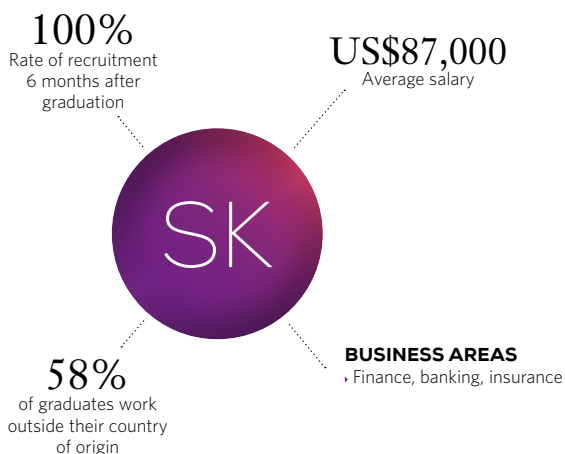
“During the year, I have acquired a broad knowledge of financial concepts

and a deep understanding of the real world economy – all very useful in the work environment. The biggest strength of the MSc comes from the quality and competency of professors, most of them still working in the finance industry making the class really interesting and practical. Studying on the Sophia campus was also a benefit, as we were a tiny class (22), which favours group cohesion, learning and closeness to professors. We also had full access to 12 Bloomberg terminals to follow markets and work on practical case studies.

This year was intensive but worth it. I have just joined the Structuring team of Credit Agricole CIB in London.”

# SKEMA MSc employment rate

MSc Financial Markets and Investments  
Financial Times survey class of 2017



**Programme directors**

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

**Tuition fees**

- ▶ One-year MSc: €25,000
- ▶ Two-year MSc option: €38,000 (total fees for two years' 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...

