CQF

CERTIFICATE IN QUANTITATIVE FINANCE

20 ANNIVERSARY

2003 - 2023

Certificate in
Quantitative Finance

Global Standard
in Financial
Engineering

Awarded by

CQF | INSTITUTE

Delivered by

FitchLearning

Real-World Financial Engineering

Finance is an increasingly sophisticated and competitive sector to work in and the demand for education in quantitative finance has never been greater. With a focus on the practical implementation of quantitative techniques, the Certificate in Quantitative Finance (CQF) is taught by leading practitioners and is designed to help you advance in the financial landscape. Once you qualify, our ever-expanding Lifelong Learning library will support you throughout your career.

To date, more than 8,000 alumni and current delegates have chosen to gain the CQF designation. The Certificate has gained global recognition as the benchmark qualification for anyone in, or aspiring to enter, the sphere of quantitative finance.

Dr. Paul Wilmott
CQF Program Founder

Contents

About the CQF

The world's largest professional qualification in quantitative finance

Founded by Dr. Paul Wilmott, the Certificate in Quantitative Finance (CQF) has been chosen by thousands of professionals from around the world for the past 20 years to master practical, real-world financial engineering techniques and to get ahead in their field.

Delivered online by globally recognized experts, the CQF program includes:

- Three optional primers to refresh your mathematical, finance, and programming skills.
- Six modules and a range of advanced electives to give you the skills needed to succeed in quant finance.
- Lifelong Learning library to keep you up to date on the latest quant finance techniques throughout your career.

The CQF focuses on current, practical quant finance techniques used in the industry to ensure that the skills you learn can be immediately put into practice. The program is constantly evolving to reflect current employers' needs and comprises a comprehensive syllabus covering quant finance and advanced machine learning techniques.

Awarded by the CQF Institute, the program is delivered by Fitch Learning, a leading global training company with centers in London, New York, Singapore, Hong Kong, and Dubai.

Why Join the CQF Program

Study part-time, online, over six months

The CQF teaches practical quant finance techniques online over a six-month program and allows up to three years to complete your studies.

Learn from acclaimed industry experts

Our faculty of leading practitioners and academics from around the world offer you support throughout the program.

Immediate impact on your career

Benefit from the CQF qualification as it helps to upskill you with the latest techniques used in the industry.

Master the latest techniques

The CQF curriculum is updated on a quarterly basis to include current and essential market practices.

Keep your skills sharp

All CQF alumni have free access to our ever-expanding Lifelong Learning library and networking opportunities with like-minded professionals throughout their career.

Your CQF Journey

The road to quant finance mastery

① Attend an information session

Find out more about the CQF program by attending an online information session, where you can:

- Meet the Program Director
- Discuss details about the program
- Get your questions answered

② Apply online

Submit your application online at **www.cqf.com/apply.** You will receive a decision regarding your application within 48 hours.

③ Refresh your skills

Join our optional primers to help you get up to speed before the program begins.

- Mathematics – The mathematical preliminaries used for quant finance.
- Python Programming – Teaches Python to enable you to implement models.
- Finance – The key concepts and asset classes needed for quant finance.

Register for an information session at:
www.cqf.com/information-sessions

④ Study for the CQF

The program consists of the following modules:

- **Module One** – Building Blocks of Quantitative Finance

- **Module Two** – Quantitative Risk and Return

- **Module Three** – Equities and Currencies

- **Module Four** – Data Science and Machine Learning I

- **Module Five** – Data Science and Machine Learning II

- **Module Six** – Fixed Income and Credit

- **Advanced Electives** – Choose two from a range of options

Modules two, three, and four are examined. At the end of module six, you will complete a practical final project. There is also the option to sit a final exam for Distinction.

⑤ Continued learning

The CQF will continue to support you throughout your career with a free, ever-expanding continuing professional development (CPD) program that consists of:

- **Lectures** – 900+ hours of lectures on every conceivable finance subject, with regular new additions.

- **Masterclasses** – 100+ hours of additional masterclasses to help you delve deeper into areas of interest.

- **Certificate in Mathematical Methods (CM2)** – An intensive course that is equivalent to the first two years of a university mathematics degree.

- **C++** – 70+ hours on the theory of design and translating pricing models into working C++ code.

Diverse Delegate Profile

CQF delegates come from a rich diversity of different backgrounds and responsibilities, bringing a wealth of experience to the program.

Occupations:

IT, Risk Management, Derivatives, Trading, Hedge Funds, Consulting, Actuary, Student, Structuring, Fund Management, and Quantitative Analysis

Background:

Finance, Computer Science, Statistics, Physics, Mathematics, Business, Economics, and Engineering

Sectors our delegates work in

Banking

Insurance

Investment Management
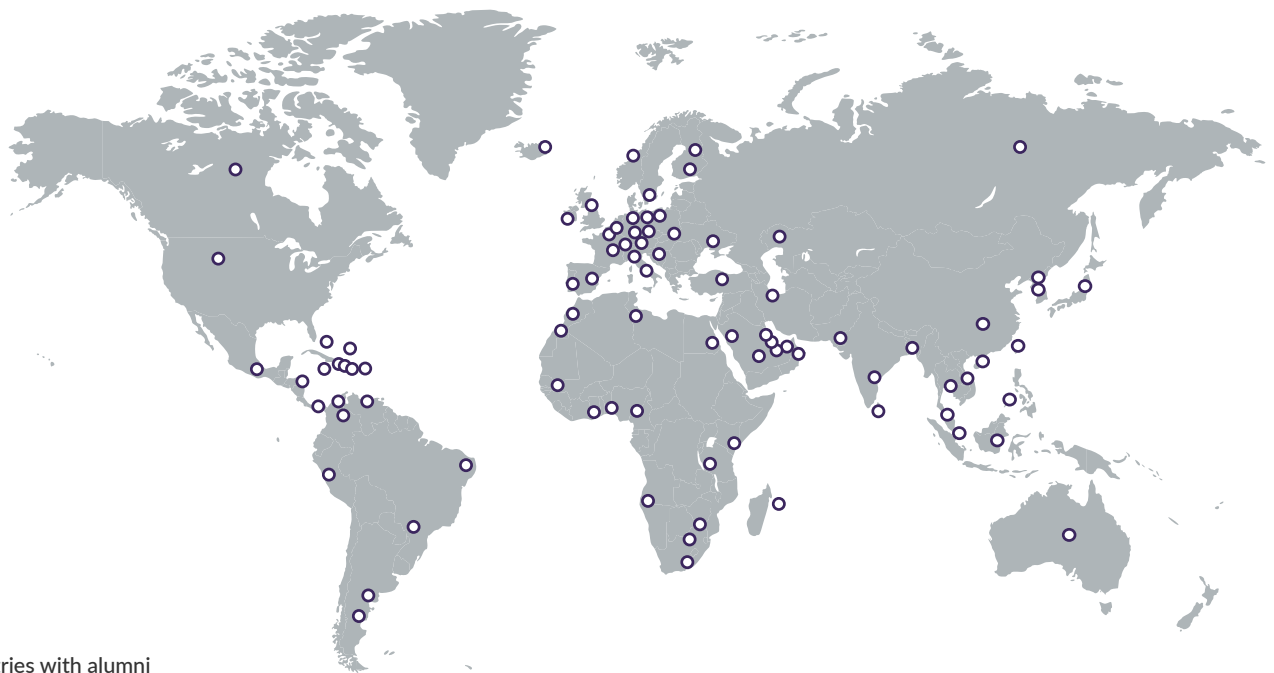
Trading

Professional Services

Energy

Technology & IT

CQF Community

An influential network of quant professionals

The CQF network is an exclusive global community which consists of over 8,000 alumni and current delegates in more than 90 countries across the globe.

○ Countries with alumni

66 I had a firm grasp on market fundamentals yet yearned for a deeper technical perspective to analyze the increasingly complex capital markets. The CQF filled this gap perfectly. The value of the CQF increases every day as extra lectures are continually added. I highly recommend the CQF to any serious investment professional. 99

Elias-John Kies
Director of Data Analytics and Integration, Bloomberg

Flexible Program Delivery

Two study options

To obtain the CQF qualification, you will need to complete six modules and two advanced electives. The program offers unparalleled flexibility with up to three years to complete the program (at no extra cost) and the choice of two study options:

Option 1 – Full Program

The CQF can be taken in full by completing the six modules and chosen electives in six months. This option provides you with immediate access to all the materials you will need throughout the program, and to the Lifelong Learning portal.

Option 2 – Level I and Level II

The CQF can also be completed in two three-month levels which can be taken in separate cohorts:

Level I (primers and modules one to three)

Level II (modules four to six, advanced electives, and Lifelong Learning)

Preparation	CQF Qualification	Lifelong Learning
Optional Primers: • Mathematics • Python Programming • Finance	Level I + Level II OR Full Program	**Continuing Professional Development**

Preparation

Get ready with program primers

The CQF program begins with three optional primers in Mathematics, Python Programming, and Finance. These primers each include up to 12 hours of intensive training to give you the preliminaries needed to start the program.

Mathematics Primer

Covers the mathematical preliminaries needed for quant finance, including:

- Calculus
- Differential equations
- Linear algebra
- Probability
- Statistics

Python Programming Primer

Teaches you how to program in Python from the beginning, including:

- Python syntax
- Standard mathematical functions
- SciPy and NumPy libraries
- Good programming practices
- Documenting code and debugging

Finance Primer

Introduces key concepts and asset classes, including:

- Macroeconomics
- Capital markets fundamentals
- Introduction to money markets
- Time value of money
- Introduction to financial assets

For more information, please visit
www.cqf.com/program

66 What attracted me first to the CQF was the content of the program; it covered everything I needed to learn. I really liked the mix between the theory and practical exercises which could be applied to my day-to-day role straightaway. 99

David Brocas
Head Cobalt Trader, Glencore

CQF Program Content

Outlining the modules

The program is made up of six modules and advanced electives. Modules two, three, and four are examined. At the end of module six, all delegates complete a practical project and apply their theoretical knowledge to real-world problems.

Module One

Building Blocks of Quantitative Finance

In module one, we will introduce you to the rules of applied Itô calculus as a modeling framework. You will build tools using stochastic calculus and martingale theory and learn how to use simple stochastic differential equations and their associated Fokker-Planck and Kolmogorov equations.

- Random behavior of assets
- Important mathematical tools and results
- Taylor series
- Partial differential equations
- Transition density functions
- Fokker-Planck and Kolmogorov
- Stochastic calculus and Itô's Lemma
- Manipulating stochastic differential equations
- Martingales
- The binomial model for asset prices

Module Two

Quantitative Risk and Return

In module two, you will learn about the classical portfolio theory of Markowitz, the capital asset pricing model, and the recent developments of these theories. We will investigate quantitative risk and return, looking at econometric models such as the ARCH framework and risk management metrics such as VaR and how they are used in the industry.

- Modern portfolio theory
- Capital asset pricing model
- Portfolio optimization for portfolio selection
- Risk regulation and Basel III
- Value at risk and expected shortfall
- Collateral and margins
- Liquidity asset liability management
- Volatility filtering (GARCH Family)
- Asset returns: key, empirical stylized facts
- Volatility models: The ARCH Framework

Module Three

Equities and Currencies

In module three, we will explore the importance of the Black-Scholes theory as a theoretical and practical pricing model, which is built on the principles of delta heading and no arbitrage. You will learn about the theory and results in the context of equities and currencies using different kinds of mathematics to make you familiar with techniques in current use.

- The Black-Scholes Model
- Hedging and the Greeks
- Options strategies
- Early exercise and American options
- Finite-difference and methods
- Monte Carlo simulations
- Exotic options
- Volatility arbitrage strategies
- Martingale theory for pricing
- Girsanov's theorem
- Advanced Greeks
- Derivatives market practice
- Advanced volatility modeling in complete markets
- Non-probabilistic volatility models
- FX options

Module Four

Data Science and Machine Learning I

In module four, you will be introduced to the latest data science and machine learning techniques used in finance. Starting with a comprehensive overview of the topic, you will learn essential mathematical tools, followed by a deep dive into supervised learning, including regression methods, k-nearest neighbors, support vector machines, ensemble methods, and many more.

- What is mathematical modeling?
- Math toolbox for machine learning
- Principal component analysis
- Supervised learning techniques
- Linear regression
- Penalized regressions: lasso, ridge, and elastic net
- Logistic, SoftMax regression
- K-nearest neighbors
- Naïve bayes classifier
- Support vector machines
- Decision tress
- Ensemble models – bagging and boosting
- Python – scikit learn

Module Five

Data Science and Machine Learning II

In module five, you will learn several more methods used for machine learning in finance. Starting with unsupervised learning, deep learning and neural networks, we will move into natural language processing and reinforcement learning. You will study the theoretical framework, but more importantly, analyze practical case studies exploring how these techniques are used within finance.

- Unsupervised learning techniques
- K-means clustering
- Self-organizing maps
- T-distributed Stochastic Neighbor Embedding
- Uniform manifold approximation and projection
- Autoencoders
- Artificial neural networks
- Neural network architectures
- Natural language processing
- Deep learning and NLP tools
- Reinforcement learning
- Practical machine learning case studies for finance
- AI-based algo trading strategies
- Quantum computing in finance
- Python – TensorFlow

Module Six

Fixed Income and Credit

In the first part of module six, we will review the multitude of interest rate models used within the industry, focusing on the implementation and limitations of each model. In the second part, you will learn about credit and how credit risk models are used in quant finance, including structural, reduced form, as well as copula models.

- Fixed-income products and market practices
- Yield, duration, and convexity
- Stochastic interest rate models
- Probabilistic methods for interest rates
- Calibration and data analysis
- Heath, Jarrow, and Morton
- Libor market model
- Structural models
- Reduced-form model and the hazard rate
- Credit risk and credit derivatives
- X-valuation adjustment (CVA, DVA, FVA, MVA)
- CDS pricing, market approach
- Risk of default, structural and reduced form
- Implementation of copula models

Advanced Electives

Specialize in your field

The CQF program offers you the opportunity to specialize further with two advanced electives, allowing you to develop your skills with your specific career objectives in mind. Our advanced electives include:

- Advanced Machine Learning I
- Advanced Machine Learning II
- Advanced Portfolio Management
- Advanced Risk Management
- Advanced Volatility Modeling
- Algorithmic Trading I
- Algorithmic Trading II
- Behavioral Finance for Quants

- C++
- Counterparty Credit Risk Modeling
- Decentralized Finance Technologies
- FinTech
- Numerical Methods
- Quantum Computing in Finance
- R for Data Science and Machine Learning
- Risk Budgeting: Risk-Based Approaches to Asset Allocation

For more information about our advanced electives and to view the full outline for each module, please visit **www.cqf.com/program**

> **"** The CQF has helped me 'look inside' the world of financial markets, derivatives, and risk management systems to gain an insight which would not be possible through practice alone. **"**

Stewart Button
Senior Quantitative Analyst, OnyxFinancial

The CQF Learning Methodology

Immediately apply your new skills to the workplace

We teach both the theory and the practical implementation of quant finance and machine learning techniques to ensure you can immediately apply your new skills to the workplace. Throughout the CQF program, you will learn the theory, review the limitations, and implement the models themselves.

Learn
- Live Online Lectures

There are two lectures delivered online every week. These are also available to watch on demand via the CQF Portal or App.

Review
- Live Online Tutorials
- Class notes
- Excercises
- Further reading

To consolidate your knowledge, you will be given annotated class notes, stimulating exercises, and optional further reading.

There are also discussion-based, live online tutorials to delve deeper into key concepts covered in lectures.

Implement
- Live Online Python Labs
- Exams
- Final Project

You will be taught to build the models taught in the lectures in optional, weekly, live online Python Labs.

The exams and the practical Final Project also ensure that you can apply your skills to real-world scenarios.

Support

We are committed to supporting your development. Throughout the program, you will have access to all the resources you need to succeed, including one-to-one faculty support, project workshops, discussion forums, and more.

> 66 I completed my Final Project on the Black-Litterman model and portfolio management, which was directly applicable to my career. 99

Jean-Paul Jaegers
Head of Asset Allocation, Barclays Wealth & Investments

Lifelong Learning

Continuing professional development throughout your career

All CQF alumni are given permanent, free access to the Lifelong Learning library so that they can stay competitive throughout their career. The library includes:

Lectures

Access a library of 900+ hours of lectures, delivered by some of the most eminent practitioners and academics. With new lectures frequently added, this resource is always expanding with fresh content.

Masterclasses

Delve deeper into specific subjects with 100+ hours of recorded material delivered by experts such as Dr. Paul Wilmott, Dr. Claudio Albanese, and Dr. Wim Schoutens.

Certificate in Mathematical Methods

Study this intensive program with 51 lectures that cover a variety of mathematical methods applicable to real-world problems. This certificate is the equivalent to more than the first two years of a university mathematics degree.

C++

Enjoy 70+ hours of tuition on the theory of design and translating pricing models into working C++ code, which is critical to a role as a modern quant in a top-tier investment bank.

> " Lifelong Learning is very important to me and the CQF is outstanding compared to alternatives. I will continue learning from the masterclasses and extra lectures because for me learning is key, and I enjoy doing it all the time. "

Lilan Li
Chief Model Risk Quant, Nordea

Invaluable Study Guidance

Supporting your studies throughout

We are committed to your CQF success. From the moment you apply to the day you complete the program, we provide a range of support, including:

An active online community

Build a network and foster collaborations from all over the world with the private, online CQF discussion forum.

One-to-one faculty support

If you are struggling with a module or a specific problem, our faculty are on hand to provide the extra one-to-one support you need.

Maths Support Sessions

Join additional live online maths support sessions in the weeks before the program starts and during module one to benefit from extra support on the maths topics covered in the primer and on the program.

Tutorials

Join our expert faculty for online problem-solving sessions to work through problem sheets and questions relating to the lectures.

Python Labs

Develop your Python programming knowledge with weekly, optional Python Labs. Each week learn to implement the models being discussed in the lectures.

Workshops

Benefit from additional support for your final projects, with dedicated workshops for every project.

Forum and groups

Communicate with your fellow students via the dedicated forum and group channels that are set up for each cohort of the CQF.

Learning Pathway

Follow the Learning Pathway for the best route through the program, with a core textbook reading list, preparation reading list, and further suggestions.

Online Learning Resources

Study in your own time

The CQF is at the forefront of interactive online learning and is continually developing new methods and tools as our global audience expands. Our comprehensive online learning portal gives you permanent access to all of the recorded lectures and program materials. We also offer a CQF App, which enables you to access learning materials on iOS and Android devices.

CQF Learning Portal

All lectures are live-streamed, recorded, and then uploaded onto the CQF Learning Portal within 24 hours. Every delegate is provided with their own online account, allowing them to access the following:

- Live broadcast of lectures
- Recorded lectures
- Annotated class notes
- Stimulating exercises
- Python labs
- Live online math sessions
- Sample code and spreadsheets
- Recorded additional/non-examined classes
- Lifelong Learning library (for Full Program and Level II delegates)
- Upload tool for modular exams

CQF App

The CQF app demonstrates our dedication to delivering innovative solutions for online learning.

The app can be downloaded onto any iOS or Android device and provides access to the primers and lectures throughout the program.

Download the app to watch the following on demand:

- Mathematics, Python Programming, and Finance primers
- Lectures

> 66 The CQF not only teaches you the mathematics underpinning the different financial models, it also highlights their main assumptions and potential dangers. It has certainly helped me enhance my career aspirations while keeping abreast with cutting-edge modeling developments. 99

Anuj Gupta

Executive Director, Quantitative Research, JPMorgan Chase & Co.

Joining the Program

What is included in your fees?

There are no additional costs once you start the program. Everything is covered in your CQF fees, including:

- Mathematics, Python Programming, and Finance primers
- Lectures, support, tutorials, workshops, and labs
- All hard-copy textbooks and other learning materials
- Permanent access to the CQF Learning Portal
- CQF App (download lectures for offline viewing)
- Lifelong Learning library, including lectures from the latest program
- All CQF module exams and the final distinction exam
- Access to the global alumni network
- A year's subscription to Wilmott magazine (hard copy)

All textbooks are written by our faculty members

How to apply for the CQF

1. Apply online

Complete the online application form at
www.cqf.com/apply

2. Receive approval

We will notify you within 48 hours indicating your preliminary acceptance onto the program.

3. Enroll and prepare

We will ask you to submit a short enrollment form, accepting your place onto the program. After an initial payment, you can access the primers and get started.

CQF Faculty

World-renowned practitioners and academics

Dr. Paul Wilmott
CQF Founder

Paul's research spans over 100 articles in leading journals and several internationally acclaimed books. He has extensive consulting experience with financial institutions, founded a volatility arbitrage hedge fund, and a university course.

Dr. Riaz Ahmad
CQF Course Director

Riaz is an applied mathematician with teaching and research interests in the mathematical and computational aspects of financial derivatives. Riaz has lectured in mathematical finance at University College London and Oxford University.

Dr. Richard Vladimir Diamond
Specialism: Volatility Modeling

Richard has over 13 years' industry experience. He was an Associate Principal at a private investment office, setting up their trading operations in equity, vanilla options, and FX. He also designed, coded, and executed systematic arbitrage in VIX futures.

Dr. Jon Gregory
Specialism: Counterparty Risk

Jon specializes in counterparty risk and xVA-related projects. He has worked on many aspects of credit risk in his career with Barclays, BNP Paribas, and Citigroup. He is the author of, *Counterparty Credit Risk: The New Challenge for Global Financial Markets.*

Dr. Yves Hilpisch
Specialism: Python

Yves is the founder and CEO of The Python Quants and The AI Machine – focused on financial data science, machine learning, and AI-powered algorithmic trading. Yves is the originator of financial analytics library, DX Analytics, and organizes Python and AI events.

Dr. Randeep Gug
CQF Managing Director

Randeep is the Managing Director of the CQF at Fitch Learning and the CQF Program Director. He spent five years working in the equities division at Salomon Smith Barney and later traded futures and options on the Indian National Stock Exchange (NSE).

Dr. Miquel Noguer Alonso
Specialism: Machine Learning

Alonso has over 20 years of experience in asset management. He is the Chief Development Officer at Global AI and previously worked at UBS, AndBank, KPMG, and FDP Institute. He has taught at NYU, Columbia University, and Imperial College.
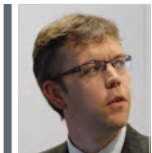
Dr. Espen Gaarder Haug
Specialism: Option Pricing / Derivatives

Espen has worked in trading and research for over 20 years. He worked as an Options Trader at J.P. Morgan and as an Options Trader for multi-billion dollar hedge funds, Amaranth and Paloma Partners. He has been involved in almost every options market.
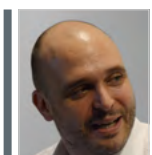
Dr. Marc Henrard
Specialism: Fixed Income

Marc is Managing Partner at muRisQ Advisory and visiting professor at University College London. Over the last 20 years, Marc has worked in various areas of quant finance including risk management, trading, software development, and quantitative research.

Dr. Claus Huber
Specialism: Machine Learning

Claus is the Head of Quantitative Modeling & Analytics at Helvetia Insurance and founder of Rodex Risk Advisers LLC. He has extensive experience in the industry as a Risk Manager, Credit Strategist, Hedge Fund Analyst, and Government Bond Trader. He has worked in hedge funds, banks, and insurance.

Dr. Peter Jaeckel
Specialism: Quantitative Modeling

Peter is the founder of OTC Analytics. He has worked in many aspects of quant analysis and financial modeling for NatWest, RBS, and ABN AMBRO. Peter is the author of **Monte Carlo Methods in Finance**, and a series of articles on financial mathematics and derivatives models.

Dr. Steve Phelps
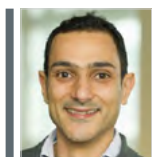Specialism: Machine Learning

Steve has extensive experience of the electronic commerce and financial sectors. He co-founded Ripple Software Ltd., which developed econometric analysis tools for eBay power-sellers, and Victria Ltd, a prototype dark-pool trading platform.

Professor Stephen Taylor
Specialism: Asset Pricing / Volatility Modeling

Stephen has held a Chair in Finance at Lancaster University Management School since 1993. His seminal work on stochastic volatility and GARCH models is incorporated in the highly cited book, **Modelling Financial Time Series** (Wiley 1986 & World Scientific 2008).

Dr. Si-Yi Zhou
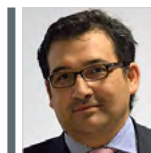Specialism: Credit Risk

Si-Yi teaches quantitative finance in volatility arbitrage, stochastic interest rate models, credit derivative pricing, and risk management. He is Head of Model Validation for a Middle Eastern bank and also worked as a Senior Risk Analyst in a consulting firm.

Dr. Panos Parpas
Specialism: Machine Learning

Panos is a Reader Associate Professor at the Department of Computing, Imperial College London. Prior to this, he was a postdoctoral fellow at MIT. Before that, he was a quantitative associate at Credit-Suisse. He is also a CQF alumnus, having completed the CQF in 2007.

Dr. Jessica James
Specialism: FX Options

Jessica James is a Senior Quantitative Researcher at Commerzbank, previously Head of the Quant Solutions Group. She was previously at Citigroup where she held a number of FX roles. She is the author of several publications and has been closely associated with the development of currency as an asset class.

Dr. Alonso Peña
Specialism: Quantum Computing

Alonso is a Quantitative Analyst. He is Officer in Credit Risk Management at the European Investment Bank and previously taught at the SDA Bocconi School of Management and Cambridge University. Alonso is the author of **Advanced Quantitative Finance with C++.**

Kannan Singaravelu
Specialism: Python / Data Science

Kannan is a Quantitative Equity and Derivatives Researcher. He has experience across asset classes, where he headed a commodity derivatives research desk and oversaw a multi-asset structured product business. His expertise is in derivatives structuring and data analytics.
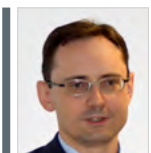
Professor Sébastien Lleo
Specialism: Portfolio Management

Sébastien is Professor of Finance at NEOMA Business School and a CQF alumnus. He has worked for seven years in investment and risk management. He has also co-authored books on risk-sensitive stochastic control and stock market crashes.

FAQs

Questions and answers

How do I begin my CQF studies?

You start by applying online at **www.cqf.com/apply**. Applying to the CQF is free. Once completed you will be contacted within 48 hours by a member of our admissions team indicating your preliminary acceptance. You begin the program when you submit your enrollment form and make your initial payment.

How will I benefit from earning the CQF?

The Certificate in Quantitative Finance (CQF) is the world's largest professional qualification in quantitative finance. The globally recognized program will help you develop practical, market-ready skills you can apply today and in the future.

How long is the program?

The CQF program can be completed in six months. We are dedicated to flexibility and offer two study options:

Full Program - The program can be taken in full by completing the six modules and chosen electives in six months.

or

Level I and Level II - Complete the CQF in two levels of three months per level within six cohorts. Level I consists of the primers and modules one to three. Level II consists of modules four to six, advanced electives, and Lifelong Learning.

Do I have a sufficient math or technical background to join the CQF?

Delegates come to the CQF with a range of backgrounds and experience. If your math is a bit "rusty" or you don't think you have the finance or programming skills required for the CQF, we offer Mathematics, Finance, and Python Programming primers. These optional primers are included in your enrollment fees and are designed to refresh your skills ahead of the program.

How much does the CQF cost?

For details and a breakdown of costs, please visit our website at **www.cqf.com/fees**. For those who are unemployed or full-time students, the Wilmott Scholarship covers a portion of the tuition fees.

How long are the lectures, and what is expected of me each week?

There are typically two live lectures that each run for 2.5 hours per week. You can participate in the live broadcast or watch them at your own convenience using the CQF Learning Portal or CQF App. We also recommend you allow approximately 10 hours of additional study a week.

How do I become CQF qualified?

You earn the CQF qualification by completing module exams and submitting a practical project. There is also the option of sitting a comprehensive examination for distinction. You may defer any, or all, of your examinations to a later cohort. You have a three-year window to complete the program.

What happens if I fail an exam?

If you are struggling with a module, contact us to receive one-to-one support from a member of the CQF faculty. If you fail one of your exams, you can either retake the examination or defer to the next cohort. There is no extra cost for retakes or deferrals.

When does the program start?

The program is delivered twice a year, commencing in January and in June.

What are the admissions criteria for the CQF program?

Our admissions team looks at the academic and professional background provided in your application form to determine your suitability for the program.

How long will it take to receive a decision on my application?

The CQF Admissions team will notify you within 48 hours indicating your preliminary acceptance onto the program.

Can I get one-to-one help from faculty?

Our faculty members are on hand to answer your questions and guide you. If you're struggling with a module, you can contact us, and a member of our faculty will be in touch to provide one-to-one support.

How do I participate in the lectures?

All CQF lectures are broadcast live and are recorded and made available to all delegates on the CQF Learning Portal and the CQF App within 24 hours.

What equipment do I need to view the lectures live or recorded?

You can view the live or recorded lectures using a computer or mobile device with internet access. We recommend you have a minimum internet bandwidth of 1Mbps to ensure you can view the content uninterrupted.

How long will I have access to the lectures?

Delegates have permanent access to the recorded lectures on the CQF Learning Portal, including Lifelong Learning and the latest CQF syllabus.

Do you have questions you want to ask us?

If you have more questions, sign up to one of our information sessions online at **www.cqf.com**. Sessions consist of a one-hour presentation by the CQF Program Director followed by a Q&A.

CQF Institute

Educating the quantitative finance community

The Certificate in Quantitative Finance is awarded by the CQF Institute. Part of Fitch Learning, the CQF Institute is the leading quant finance membership organization with more than 20,000 members worldwide.

Promoting the highest standard in financial engineering, the CQF Institute provides a platform for building and educating the global quant finance community. All members are kept up to date on the latest industry practices through technical talks and conferences, careers events, local societies, and thought leadership content.

Technical talks and conferences

CQF Institute events are renowned throughout the industry. Every year, the event schedule is packed with talks and conferences featuring some of the biggest names in quant finance. These events focus on the latest industry trends and research, such as machine learning and ESG, enabling members to explore new quant finance practices and network with peers.

Local societies

The CQF Institute has a growing number of active societies around the world. Featuring regular meet-ups and exclusive events with expert speakers, societies provide unique opportunities for members to grow their professional network and exchange new ideas with quant finance professionals in their local community.

Careers events

The CQF Institute is dedicated to supporting the professional growth of all members. At the careers events, CQF alumni and senior quants are invited to share their insights and experiences with members. From quant resume advice, to guidance around working in particular fields in finance, these events are useful tools for members looking to enter or advance within the industry.

Educational resources

The CQF Institute offers members a range of free online resources exploring the latest quant finance topics. Members can access articles, reports, and whitepapers written by leading experts, catch up with on-demand videos of recent CQF Institute events, and listen to technical and career-focused discussions with experts on the QuantSpeak podcast.

CQF Institute membership is open to all CQF alumni and delegates.

For more information about the Institute, please visit:
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