

Credit Suisse- Firm Overview

As one of the world's leading banks, Credit Suisse provides its clients with investment banking, private banking and asset management services worldwide. Credit Suisse offers advisory services, comprehensive solutions and innovative products to companies, institutional clients and high-net-worth private clients globally, as well as retail clients in Switzerland. Credit Suisse is active in over 50 countries and employs approximately 40,000 people. Credit Suisse's parent company, Credit Suisse Group, is a leading global financial services company headquartered in Zurich.

In its Investment Banking business, Credit Suisse offers securities products and financial advisory services to users and suppliers of capital around the world. Operating in 57 locations across 26 countries, Credit Suisse is active across the full spectrum of financial services products including debt and equity underwriting, sales and trading, mergers and acquisitions, investment research, and correspondent and prime brokerage services.

Our commitment to providing outstanding service to our clients, along with our focus on teamwork, diversity, and excellence, means the recruitment of the best and brightest people is essential to our success.

Application Instructions

Below you will find descriptions of opportunities that are available for summer internship positions as well as full-time positions. Summer internship opportunities will begin in June 2008 and full-time opportunities will begin in July 2008. After carefully reading each description, you can apply to the job that interests you the most at your career services office, or by submitting your resume to Phd.recruiting@credit-suisse.com.

If you have any questions, please email Phd.recruiting@credit-suisse.com.

SUMMER OPPORTUNITIES

IT QUANTITATIVE SUMMER ASSOCIATE PROGRAM

Program Overview

The Credit Suisse IT Quant Associate Program is an elite initiative to hire summer and full-time Masters of Financial Engineering and/or Post Doctorate students who can create engineering solutions to support our quantitative products and processes such as Derivatives and Risk Management. Students are hired directly into the technology organizations supporting the Investment Banking (IB) businesses. In addition to the responsibilities within their respective divisions, the associates are aligned with a training curriculum that focuses on the development of personal skills and business knowledge. The training enhances the performance of the Associates in their day-to-day business assignments and encourages participants to understand and support the strategic direction of the firm.

Training

Training for this program is designed to give participants a core set of skills and knowledge about the Financial Services industry and Credit Suisse.

Summer Program is a 10-week program, running from June through August, in our New York office. The training sessions are a combination of classroom and workshop based sessions and assignments, each

two-week in length, with an IT sponsor. This program takes place at the same time as Credit Suisse's traditional Summer Analyst Programs so IT Quant interns will also participate in various networking events and educational activities organized by our Campus Recruiting Department and Credit Suisse Business School. During the course of the internship, interns will be evaluated and may be invited to join Credit Suisse full-time upon completion of their studies.

Qualifications

We seek candidates with a strong work ethic, high energy level, and strong interpersonal and communication skills.

Successful program participants share many common traits. They are:

Analytical thinkers, with software development skills

Quick learners, assimilating information quickly, organizing it, and putting it into useful form Quick to seek the help of peers, recognizing the value of support and mutual assistance Enthusiastic, eager to advance quickly and assume greater leadership responsibility Comfortable thinking outside the box and innovating beyond the limits of a position Ability to work in a fast paced environment

FIXED INCOME AND EQUITY QUANTITATIVE SUMMER INSTITUTE (QSI)

Investment Banking

In its Investment Banking business, Credit Suisse offers securities products and financial advisory services to users and suppliers of capital around the world. Operating in 57 locations across 26 countries, Credit Suisse is active across the full spectrum of financial services products including debt and equity underwriting, sales and trading, mergers and acquisitions, investment research, and correspondent and prime brokerage services. Our commitment to providing outstanding service to our clients, along with our focus on teamwork, diversity, and excellence, means the recruitment of the best and brightest people is essential to our success.

The Position

The **Quantitative Summer Institute** (QSI) is a 10-week internship program from

June to August which provides interns with an opportunity to gain first hand experience of quantitative modeling and/or development work at a top tier investment bank. The program is run simultaneously in our London and New York offices during the summer. It is primarily targeted at quantitative candidates holding or pursuing a PhD in fields such as Mathematics, Physics, Engineering, Computer Science, Operations Research or Quantitative Finance, although exceptional candidates holding or pursuing a Masters degree or equivalent will also be considered.

The QSI program is sponsored by the **Global Modeling and Analytics Group** (GMAG), and the Fixed Income Research group. Candidates will need to select the sponsoring group at the time of application. GMAG is responsible for producing state-of-the-art pricing, trading and risk management models for Credit Suisse. These models are used across a range of businesses in the Fixed Income and Equity departments. The group performs the full spectrum of quantitative work, from mathematical modeling through software_implementation and delivery, to risk analysis of trades and existing portfolios. The group's mandate covers all major asset classes, including Credit Derivatives, Commodities, Emerging Markets, Equity Derivatives and Convertibles, Exotics, Foreign Exchange, Fund Linked Products, Interest Rate Products and Mortgage Derivatives. GMAG operates globally with over 100 members located in New York,_London, Hong Kong, Tokyo and São Paolo.

The Fixed Income Research Group is responsible for the whole gamut of Fixed

Income and Economic Research: from the macroeconomic and political analyses of a single country or region, to a detailed analysis of a single corporate or industry, through the right price of a single security or derivative transaction. It has an active research program on demographics as well as performing complex optimization of credit portfolios so that pension funds can better manage their risks. Credit Suisse is particularly known for its excellence in global macroeconomics, strategy, and foreign exchange research,

in both developed and emerging markets. In addition, the firm has pre-eminent credit and securitized asset research.

Training and Development

The QSI program is divided into two distinct 5-week modules: a training module for all participants, followed by individual desk placements with the chosen sponsoring group.

The training module consists of seminars and exercises to introduce participants to the principles of financial modeling, key derivatives markets and products, as well as practical training on GMAG's core models and technologies. It is based on the GMAG Training Program, which has been developed in-house over many years and is taught by experienced modelers. These practical exercises make use of the same models and tools that are used by Traders and Structurers throughout the bank.

The individual desk placements give participants a valuable opportunity to contribute to a real world project relevant to the sponsors. During the placements, interns will sit with the sponsoring group and interact closely with their new colleagues, both professionally and socially. Interns will be expected to present the results of their project to a panel of senior quantitative sponsors at the end of the program. The QSI program takes place at the same time as Credit Suisse's traditional Analyst and Associate Summer Programs, and as such, QSI interns will also participate in a variety of social and corporate events organized by the Graduate Recruitment Department. It is expected that successful QSI interns will be invited to join their sponsoring group for a full-time position at the end of their studies.

Qualifications

- You will have, or be studying to obtain, a PhD or other advanced degree in a quantitative field such as Mathematics, Physics, Engineering, Computer Science, Operations Research, or Quantitative Finance
- Advanced analytical, quantitative, and problem solving skills. Programming experience and exposure to algorithms is generally desirable and essential for certain areas. Prior knowledge of finance is not required; however, candidates should possess a genuine interest in the area.
- Outstanding interpersonal and communication skills
- A team player with a positive, cooperative attitude
- Good organizational skills and the ability to work on multiple projects simultaneously
- Fluency in English
- Availability to work full time for a period of ten weeks from June- August

FULL-TIME OPPORTUNITIES

IT QUANTITATIVE ASSOCIATE PROGRAM

Program Overview

The Credit Suisse IT Quant Associate Program is an elite initiative to hire summer and full-time Masters of Financial Engineering and/or Post Doctorate students who can create engineering solutions to support our quantitative products and processes such as Derivatives and Risk Management. Students are hired directly into the technology organizations supporting the Investment Banking (IB) businesses. In addition to the responsibilities within their respective divisions, the associates are aligned with a training curriculum that focuses on the development of personal skills and business knowledge. The training enhances the performance of the Associates in their day-to-day business assignments and encourages participants to understand and support the strategic direction of the firm.

<u>Training</u>

Training for this program is designed to give participants a core set of skills and knowledge about the Financial Services industry and Credit Suisse.

Full-time program begins in July 2008 with a full-day business orientation that will introduce hires to Credit Suisse, Investment Bank (IB) and core businesses within IB. Throughout their tenure training will occur sporadically over the course of two years for different courses and discussions. The courses will be aligned with the technology as well as the needs of the different businesses. A sampling of the training includes:

HR and IB Orientation Introduction to Securities Services Introduction to Fixed Income Introduction to Equities Cash Management Fundamentals

Qualifications

We seek candidates with a strong work ethic, high energy level, and strong interpersonal and communication skills.

Successful program participants share many common traits. They are:

Analytical thinkers, with software development skills

Quick learners, assimilating information quickly, organizing it, and putting it into useful form Quick to seek the help of peers, recognizing the value of support and mutual assistance Enthusiastic, eager to advance quickly and assume greater leadership responsibility Comfortable thinking outside the box and innovating beyond the limits of a position Ability to work in a fast paced environment.

EQUITY AND FIXED INCOME QUANTITATIVE ASSOCIATE PROGRAM

Global Modeling and Analytics Group (GMAG) – Associate

Description

The Global Modeling and Analytics Group (GMAG) is responsible for producing state-of-the-art pricing, trading and risk management models for Credit Suisse. These models are used across a range of businesses in the Fixed Income and Equity departments. The group performs the full spectrum of quantitative work, from mathematical modeling through software implementation and delivery, to risk analysis of trades and existing portfolios. The group's mandate covers all major asset classes, including Credit Derivatives, Commodities, Emerging Markets, Equity Derivatives and Convertibles, Exotics, Foreign Exchange, Fund Linked Products, Interest Rate Products and Mortgage Derivatives. GMAG operates globally with over 100 members located in New York, London, Hong Kong, Tokyo and São Paolo.

Established in 1990, GMAG stands out as a unified quant group that has been covering all major product areas since its inception. The group has always enjoyed a strong relationship with Trading, Structuring and Sales, assisting them with trade pricing and risk management. As the group is based on the trading floor, it is ideally placed to respond to the financial modeling needs of the businesses it supports.

The breadth of GMAG's mandate makes it uniquely positioned to leverage the skills and experience of its members, and to provide a consistent modeling approach across all areas. Over time, the group has developed an extensive suite of pricing models on a common platform with complete integration across all asset classes.

Quantitative Associates in GMAG carry out a range of activities which include the creation of sophisticated mathematical models for the valuation of complex derivatives, development of the technology platform used to deliver models, and driving the use of these models throughout the bank.

Training

Your career with us begins with the GMAG Training Program, an intensive, full-time, 12 week course of seminars, discussions and practical exercises to introduce you to the principles of financial modeling, the existing library of GMAG models, and our development platform. The GMAG Training Program has been developed in-house over the years by senior members of the group for the benefit of new joiners. It is taught by experienced modelers, and is continually updated to reflect recent innovation.

For the first two years you will participate in the GMAG Rotation Program. This involves spending one year in each of two parts of GMAG as a fully integrated member of the relevant team, after which you will settle in one part of the group. This program will provide you with a unique opportunity to gain exposure to a variety of financial products and market dynamics and to learn about their associated modeling issues. Continuous learning is actively encouraged through a wide variety of initiatives, including internal and external seminars and conferences, short product area placements within GMAG, and joint project work. GMAG also enjoys a fruitful collaboration with some of the leading academics in Quantitative Finance, Applied Mathematics and Computer Science, and regularly invites top scholars to present their work.

Because of its size and breadth of mandate, GMAG offers an unusually wide range of career paths. Some members choose to specialize in a single product or technology area while others, after a period of time, rotate to a different area or move to a different center. This provides the team members with new learning opportunities and promotes cross-fertilization of ideas throughout the group. While the large majority of GMAG members stay with the group for the long term, there are also opportunities to leverage the skills learned in GMAG and transfer into a trading or structuring role in Credit Suisse.

Qualifications

Our Quantitative Associates typically hold an advanced quantitative degree, have excellent analytical and problem solving skills, demonstrate creative thinking, have strong programming skills, and are confident communicators.

The role requires a talent for creating innovative and practical solutions to real problems, the ability to work effectively as part of a team, and a desire to continue learning new modeling techniques and technologies. You should be able to demonstrate an interest in finance, but the role does not require prior experience with financial modeling or exposure to investment banking.

We would like to recruit several outstanding individuals to join GMAG. We expect you to have a strong track record of research and innovation in your current quantitative field. Equally important, you should be able to work effectively both independently and as part of a team, and demonstrate strong interpersonal and communication skills.

Proprietary Trading – Associate

Description

Proprietary Trading involves making educated bets using Credit Suisse's balance sheet, much like an internal hedge fund. In the dynamic and highly competitive capital markets, the main challenge is to constantly improve upon existing models and expand into new areas. As a significant market player, Proprietary Trading group's research, develop, and run a wide variety of quantitative trading strategies including index arbitrage, statistical arbitrage, high frequency market making, and market neutral relative value.

Training

New associates in Proprietary Trading will take part in the firm-wide Analyst and Associate Training Program. This program includes a broad range of core skills training such as Accounting and Economics as well as specific financial products training in Equity and Fixed Income. At the end of the Associate Training Program, new associates will work with the desk they are hired for with their manager and will be given a task that best leverages the talents that he/she has thus far demonstrated. Associates will be increasingly challenged in a fast paced environment as they prove themselves.

Qualifications

There is no standard template to be a successful Proprietary Trader. Many of the current members of Proprietary Trading have distinguished themselves academically through their participation in Mathematics or Programming Contests or Olympiads, or original academic research and publications. They are also able to explain their thought processes, however complex, in a clear concise fashion. We are looking for individuals that have strong quantitative backgrounds that are able to learn quickly on the job. Individuals who show the ability to program, a passion for trading or watching financial markets, original insight into the functioning of the markets, or intellectual honesty will be attractive candidates. While we generally hire PhDs with degrees in Computer Science, Physics, Mathematics, or Econometrics, we are also open to other fields; but it would be up to candidates to defend why their field is relevant to trading. We are extremely selective, and even more selective amongst candidates whose degree is not of a quantitative nature.

Quantitative Trading and Derivatives Strategy (QTDS) – Associate

Description

As a member of the Equity Derivatives Strategy front office team, responsibilities include generating ideas for trading derivatives, marketing to institutional and hedge fund clients, formulating and publishing volatility research, and developing quantitative systems.

Training

New associates participate in Credit Suisse's in-house Training Program which introduces participants to the world of finance across all principal markets and asset classes. Candidates will be trained and become skilled across disciplines such as financial modeling, derivative mathematics, traded markets, and the use of the firm's front office systems.

Qualifications

The ideal candidate will have experience with risk arbitrage, portfolio analytics, and derivatives theory and practice. Knowledge of C++/C#, VBA, etc is required. In addition, candidate must have strong communication, writing, sales, and marketing skills. Candidate must be a self-starter who is creative, sociable, and capable of coming up with original ideas and defending them.