

FALL 2019

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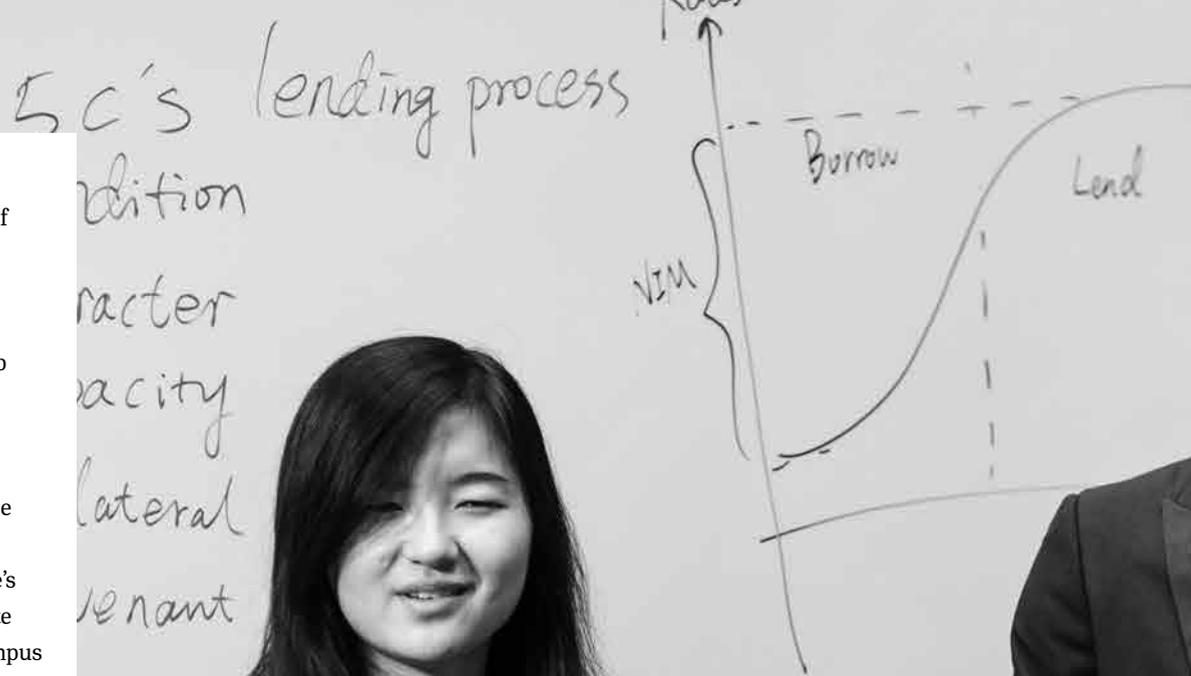
MASTER OF SCIENCE IN FINANCE



SFU BEEDIE SCHOOL OF BUSINESS
SEGAL GRADUATE SCHOOL

ABOUT SFU BEEDIE

Simon Fraser University's Beedie School of Business has a heritage of innovation. We offered the first Executive MBA in Canada and the first Management of Technology MBA in the country. We are among the top 1% of business schools worldwide with dual accreditation by AACSB and EQUIS, and ranked in the top 10 schools to study business in Canada by Maclean's Magazine in 2017. Today, SFU Beedie has more than 25,000 alumni in 83 countries. SFU Beedie's Segal Graduate School offers nine graduate programs delivered through the Segal campus in downtown Vancouver and the state-of-the-art SFU campus in Surrey, in the heart of Metro Vancouver.



THE PROGRAM

By blending financial theory with real-world experience, SFU Beedie's Master of Science in Finance (MSc Finance) prepares you for the fast-paced, ever-changing world of finance.

Designed to meet the increasing global demand for skilled risk and investment management professionals, it covers the fundamentals of finance, asset pricing, market risk management and credit risk management.

You'll have the opportunity to choose one of two streams: Investment Management or Risk Management, each of which shares the same core courses and offers the same opportunities for extracurricular enrichment.

- The MSc Finance program is built on fundamental finance theory and practice:
- The program is delivered in a full-time format over the course of 16 months, divided into four terms
- Classes take place in Vancouver, one of the world's most livable cities
- Students have the opportunity to manage one of North America's largest student-run portfolios

Our MSc Finance graduates go on to work in positions across the full spectrum of financial and regulatory institutions, all around the world.

**PREPARE FOR A
DEMANDING CAREER**



Our Student Investment Advisory Service (SIAS) Fund is the largest student-led fund in Canada and one of the largest in North America with a value of \$18 million CAD (as of May 22, 2018).

Managing the fund gives you real investment, risk management and compliance experience and offers the chance to engage with industry leaders. Every quarter, the SIAS fund presents a review in front of an Industry Performance Review Committee.

The fund follows a balanced investment style with four asset classes that are semi-actively managed: Canadian equity, global equity, fixed income and cash.

ENVIRONMENTAL, SOCIAL AND GOVERNANCE PRINCIPLES

At SFU Beedie, we are committed to applying Environmental, Social and Governance criteria to endowment investments, including SIAS. These principles are also integrated throughout our curriculum to help you become a more conscientious leader and develop these in-demand skills.

**REAL MONEY
REAL EXPERIENCE**

LEARN INSIDE AND OUTSIDE THE CLASSROOM

In our MSc Finance program, we prioritize experiential learning inside the classroom and encourage it in extracurricular activities. You'll have the opportunity to gain leadership experience, build a richer network and enhance your CV through professional associations, events and case competitions.

CASE COMPETITIONS

Bring out your competitive side. Solve real-world business challenges as you compete with other graduate students. SFU Beedie helps fund student participation and provide valuable resources. You keep any prize money you win.

NATIONAL INVESTMENT BANKING COMPETITION

In this pressure-packed five-hour challenge, you'll create a buy-side M&A presentation and pitch to a panel of judges and 300 delegates.

CFA GLOBAL INVESTMENT RESEARCH CHALLENGE

In this challenge, you'll create a detailed research report for a company and defend your investment thesis to a panel of judges.

ENGAGE INTERNATIONAL INVESTMENT EDUCATION SYMPOSIUM

For four years in a row, SFU Beedie MSc Finance students have won the top prize in the world's largest student-managed portfolio competition. In association with the United Nations Global Compact, Canadian and American colleges and universities with student-managed portfolios compete in the areas of growth, value, blend/core and asset allocation styles of management.

Our MSc Finance students are regularly invited to attend educational and industry events offered by:

- Professional Risk Managers' International Association
- Management & Economics Society (MES) of CIM
- Chartered Alternative Investment Analyst
- Chartered Financial Analyst Institute
- Alternative Investment Management Association



VANCOUVER

STUNNINGLY BEAUTIFUL STRATEGICALLY LOCATED



Again and again, Vancouver is voted one of the most beautiful, livable cities in the world. But that's just one of the reasons people enjoy being here.

Vancouver's many connections to global financial capitals makes it the perfect launching pad for an international career in finance. Add to that Canada's friendly immigration policy: international students can apply for a three-year work permit after graduation.

THE UPSIDES OF BEING DOWNTOWN

At the heart of downtown Vancouver is SFU Beedie's Segal Graduate School, a beautiful heritage bank reimagined as a 60,000 square-foot landmark housing classrooms, meeting rooms and breakout spaces.

It's centrally located with easy access to public transit, which makes getting to and from class exceptionally convenient.

Here, you'll be surrounded by cafes, shops and restaurants. It's a neighbourhood as vibrant as any.

RESIDENT LIVING

As a graduate student, you'll get priority access to the newly built residences at the Charles Chang Innovation Centre, unique apartment-style spaces that range from studios to two-bedroom-plus-study units.

Opened in 2016, these residences are located in the heart of downtown Vancouver only steps away from campus and feature shared amenities so you'll have all the comforts of home, even when you're away from home.



CAREER SUPPORT

While pursuing your MSc Finance degree, you'll have a dedicated career advisor, countless networking opportunities and invaluable resources at the Career Management Centre (CMC). For the remainder of your career, you'll have access to the CMC's key tools.

EXTERNSHIP PROGRAM

Designed specifically for international graduate students, these one-week, full-time job shadowing opportunities can give you firsthand experience of local workplace culture.

NETWORKING OPPORTUNITIES

It's who you know. From classmates to professors to industry leaders, you'll tap into a vibrant network when you participate in the countless opportunities available.

TORONTO TOUR

Each year, we offer our MSc Finance students the opportunity to visit Canada's financial capital and tour the head offices of major financial institutions, making invaluable connections along the way with potential employers and our successful alumni network.

MENTORS IN BUSINESS

With more than 300 members, ours is the largest business mentorship program in Western Canada. Tap into this network and expand your own.



"The MSc Finance program gave me the technical foundation that I couldn't function without. I work with clients in very senior roles, and it's important to demonstrate your technical knowledge to gain their trust."

– Christine Jakshoej, MSc Alumnus
Head of Professional Services Americas, FINCAD

ONE OF MANY NOTABLE ALUMNI

A love of numbers and a passion for problem-solving led Christine Jakshoej to the MSc Finance degree offered at SFU Beedie. She sought a program focused on the qualitative, quantitative, and analytical skills needed for a career in finance.

As Chief Compliance Officer for the 18-million dollar, student-led SIAS Fund, Christine emerged as a leader and honed the sophisticated financial management skills she applies today as Head of Professional Services Americas at FINCAD, a leading provider of valuation and risk solutions for derivative and fixed income portfolios.

WORLD-CLASS FACULTY

Renowned worldwide, our faculty is known for their cutting-edge research. But it's not all ivory tower around here. Our professors, instructors and visiting finance professionals have extensive industry experience to help you prepare for your own.

Christina Atanasova, PhD (York)
ASSOCIATE PROFESSOR, FINANCE

Her research interests include empirical corporate finance, corporate governance, capital structure, corporate risk management, and pension economics and finance.

Whether in the classroom, case study competition or delivering a talk at an SFU Beedie Seminar, our faculty members are engaged in the latest academic research and industry development. As a student, you will have direct access to their expertise and insight. They will challenge and inspire you to expand your knowledge and pursue exciting opportunities.

— Christina Atanasova



WORLD-CHANGING IDEAS



Avi Bick, PhD (Berkeley)
ASSOCIATE PROFESSOR, FINANCE

Professor Bick's areas of specialization include the valuation of options and futures contracts, models of financial market equilibrium and mathematical finance. His research has been published in leading academic journals in finance, management science and mathematics. In addition to his research, he has been recognized multiple times for his teaching excellence.



Peter Klein, PhD (Toronto)
PROFESSOR, FINANCE

Prior to joining SFU Beedie, Professor Klein held senior positions at CIBC/Wood Gundy Financial Products, including chief trader for capital markets and vice-president of investment banking. He is a CFA, CBV and CPA CGA. Professor Klein's research interests include return anomalies, taxation, credit risk, derivative securities and corporate governance. He has published in a number of leading academic journals in finance and economics.



Andrey Pavlov, PhD (UCLA)
PROFESSOR, FINANCE

Professor Pavlov's research interests include mortgage backed securities pricing and commercial and residential market risk management. He has also worked on the modelling of aggressive lending practices, risk management for publicly traded real estate companies, mortgage and equity securitization, and mortgage default risk modelling using non-parametric methods and spatial statistics. He consults for both the public and private sectors.



Eduardo Schwartz, PhD (UBC)
RYAN BEEDIE CHAIR IN FINANCE

Professor Schwartz's wide-ranging research has focused on different dimensions in asset and securities pricing. He was awarded a Doctor Honoris Causa by the University of Alicante in Spain and by the Copenhagen Business School in Denmark, and a Catedra de Excelencia by the Universidad Carlos III in Madrid. He has also been a consultant to governmental agencies, banks, investment banks and industrial corporations.

A COHORT-DRIVEN EXPERIENCE

In the MSc Finance program, your cohort will be comprised of numerate, critical thinkers from all over the world. Because we keep our class size small, you'll have a more personalized experience and countless opportunities to work in teams and engage with your cohort, which will help you build relationships that could last throughout your entire career.

The majority of our candidates come to the program with degrees in quantitative disciplines, such as mathematics, sciences, engineering, economics or business.

LANGUAGES SPOKEN

Bengali, Chinese, English, Farsi, French, Gujarati, Hindi, Portugese, Punjabi, Russian, Spanish, Turkish, Urdu, Vietnamese

DEGREES HELD

Economics, Finance, Accounting, Computer Science, Mathematics, Engineering, Business, Arts, Science



57% women	43% men	650 Average GMAT
50-55 Class size	25 Average age	3.5 Average years for work experience

THE CURRICULUM

Ready to learn the analytical and technical skills that are in high demand across all aspects of finance, all over the world?

Our MSc Finance program is a full-time, 16-month program delivered over four terms. It offers two streams: Investment Management (IM) and Risk Management (RM), each of which is based on a foundation of financial theory and real-world experience.

In addition to careers in investment management and risk management, graduates of the Master of Science in Finance program can expect to build careers in any area of finance that calls for a thorough understanding of financial theory and well developed quantitative and analytical skills.

ONLINE COURSES

The MSc Finance program starts with two courses delivered online in mid-July. The first portion of the two courses run for four weeks online, the latter half will be completed in-person during the Fall semester.

Mathematics for Computational Finance Pt.1
Statistics for Computational Finance Pt.1

SEMESTER 1

Mathematics for Computational Finance Pt.2
Statistics for Computational Finance Pt.2
Financial Modelling Tools
Financial Economics I
Derivative Securities I
Equity Security Analysis and Portfolio Management I
Optional: SIAS

SEMESTER 2

Financial Econometrics
Fixed Income Security Analysis and Portfolio Management
RM Courses: Derivative Securities II
Market Risk Management
IM Courses: Portfolio Theory and Asset Pricing
Equity Security Analysis and Portfolio Management II
Optional: SIAS

SEMESTER 3

Financial Economics II
Numerical Methods
Financial Statement Analysis
RM Course: Credit Risk Management
IM Course: Strategic Asset Allocation
Optional: SIAS

SEMESTER 4

Enterprise Risk Management
Special Topics: Ethics and Finance
Optional: SIAS
Final Project



PROGRAM REQUIREMENTS

When you graduate from our MSc Finance program, you'll understand the fundamentals of finance, asset pricing, market risk management and credit risk management. You'll be armed with a personalized career plan and have the skills to achieve it. Plus, you'll establish an invaluable network of industry leaders.

Here's what it takes to get into the program.

APPLICATION PROCESS

- Complete the online application form
- Required supporting documents:
 - Official transcripts
 - GMAT or GRE
 - Self-evaluation
 - Resume
 - Three letters of reference from supervisors or colleagues
 - English language score (if applicable)
 - Organizational Chart
- Interview for shortlisted candidates

ADMISSION REQUIREMENTS

- Undergraduate degree: min 3.0 CGPA in a quantitative discipline, which may include business, economics, mathematics, engineering or the sciences
- Relevant work experience in financial services is preferred
- GMAT: 550 or GRE: 150 in each section
- Proficiency in English for ESL candidates: TOEFL 93+ or IELTS 7+
- International applicants will require a valid Canadian student visa

APPLICATION DEADLINES

- Round 1 - October 12, 2018
- Round 2 - January 18, 2019
- Final Round - April 26, 2019

TUITION

- Tuition: \$32,800*
- International Students: \$44,600*

**Subject to Board of Governors approval*

FEES

Additional costs for textbooks and related materials: approximately \$2,500 (CAD).

CONNECT

To connect with an advisor, register for an information session, connect with SFU Beedie alumni, or arrange to visit a class, please contact us at 778.782.5259 or email mscfin@sfu.ca.





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