MSc FIN
MASTER OF SCIENCE IN FINANCE

FALL 2021

BEEDIE SCHOOL OF BUSINESS
SEagal GRADUATE SCHOOL
ABOUT SFU BEEDIE

Simon Fraser University’s Beedie School of Business has a heritage of innovation. We offered the first Executive MBA and the first Management of Technology MBA in Canada. We are among the top 1% of business schools worldwide with dual accreditation by AACSB and EQUIS, and ranked in the top 5 schools to study business in Canada by Maclean’s Magazine in 2020. 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 a state-of-the-art SFU campus in Surrey.

PREPARE FOR A DEMANDING CAREER
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 downtown Vancouver, one of the top 5 cities in the world to live
- 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.
REAL MONEY
REAL EXPERIENCE
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 $20 million CAD (as of August 12, 2020).

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.

“By incorporating ESG into SIAS’ investment analysis and decision-making process, we learned how to assess companies’ business models through a broader spectrum and were able to interpret externality risks and benefits that account for more robust valuations.”

– Julia Ferreira, MSc Finance Alumnus, Investment Officer, WSIB
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.

### Online Courses
The MSc Finance program starts with three courses delivered online in mid-July. The first portion of the courses run for four weeks online, the latter half will be completed in-person during the Fall semester.
- Mathematics for Computational Finance
- Statistics for Financial Economics
- Basic Accounting

### Semester 1: Finance Essentials
- Financial Modeling Tools
- Financial Statement Analysis
- Principles of Corporate Finance
- Managerial Communications
- Principles of Investments
- Optional: SIAS

### Semester 2: Finance Roadmap
- Advanced Equity Analysis
- Advanced Fixed Income Analysis
- Financial Econometrics
- Business Strategy, Ethics and Regulatory Environment
- Optional: SIAS (Continued)

### Semester 3: Finance Specialization
- Negotiation and Conflict Resolution
- IM: Portfolio Theory and Asset Pricing
- IM: Strategic Asset Allocation
- IM: Investment Banking and Private Equity
- RM: Market Risk Management
- RM: Credit Risk Management
- RM: Advanced Derivatives
- Optional: SIAS (Continued)

### Semester 4: Finance Electives
- Elective 1
- Elective 2
- Elective 3
- Optional: SIAS (Continued)

In addition to the core curriculum, you will choose 3 electives. The courses will be based on various relevant topics like Fintech, Data visualization or Responsible Investing to provide you with the opportunity to broaden your understanding of the finance industry.

*Subject to Board of Governors & Senate approval*
"I think SFU Beedie really lays a solid foundation. Not many schools have a rigorous program that really trains you for the industry. I believe it has played an important role in my success. I feel indebted to the school and my professors for the valuable lessons I learnt over the course of the program at Simon Fraser University."

– Abhishek Rokade, MSc Finance Alumnus,
  Risk Manager, RBC Capital Markets
WORLD-CLASS FACULTY

Renowned worldwide, our faculty are 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

Professor Atanasova’s 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
Jan Simon, PhD (Essex)
ACADEMIC DIRECTOR

Prior to joining SFU Beedie, Professor Simon headed up the pan-European continental sales trading desk at Goldman Sachs, was Vice-President and co-head of Salomon Brother’s emerging markets trading desk and served as Director of Merrill Lynch’s hedge funds advisors group. Professor Simon’s background also includes serving in the first battalion Para-Commando and NATO’s Special Intervention Forces.

Peter Klein, PhD (University of 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.

“To be taught by someone who has industry experience is very valuable. The program gives you good insight into the actual industry from instructors who are legitimate heavyweights.”

– Michael Craig, MSc Finance Alumnus,
Managing Director, TD Asset Management
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.

**SAMPLE COUNTRIES OF ORIGIN**
Canada, USA, India, China, Germany, Turkey, Mauritius, Syria, Ghana, Brazil, Mexico, Taiwan, Hong Kong, Iran, Nigeria, Pakistan, Vietnam, Russia, Korea, Indonesia, Bangladesh, Saudi Arabia, Kazakhstan

**DEGREES HELD**
Economics, Finance, Accounting, Computer Science, Mathematics, Engineering, Business, Arts, Science

Average class demographics.

<table>
<thead>
<tr>
<th>Women</th>
<th>Men</th>
<th>Class size</th>
<th>GMAT</th>
<th>Average years of work experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>57%</td>
<td>43%</td>
<td>50</td>
<td>650</td>
<td>3.5</td>
</tr>
</tbody>
</table>

Average class demographics.
THIS IS A YEAR TO REMEMBER

Co-curricular activities are encouraged and celebrated at SFU Beedie. These activities will provide hands-on leadership experience, hone your business skills, and grow your network. Make the most out of your SFU Beedie experience by choosing co-curricular opportunities that suit your goals.

CASE COMPETITIONS

Challenge yourself by representing SFU Beedie in regional, national, and international case competitions. Apply what you learn in the classroom to real-world business and financial challenges while gaining confidence and skills to analyze problems and make recommendations under pressure. With a dedicated training program and financial support to attend competitions, you’ll be ready to compete with the best, network with industry professionals, and showcase your success.

PRMIA RISK MANAGEMENT CHALLENGE

An award-winning international student competition, the PRMIA Institute Risk Management Challenge offers students the opportunity to apply the concepts they have learned and showcase their knowledge, critical thinking skills, leadership, and presentation abilities while competing to win a US$10,000 cash award.

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

From 2012-2016, SFU Beedie MSc Finance students took home the top prize at the world’s largest student-managed portfolio competition, the Engage International Investment Education Symposium. In association with the United Nations Global Compact, North American colleges and universities with student-managed portfolios compete in the areas of growth, value, blend/core and asset allocation styles of management.
STUDENT CLUBS
Your education goes beyond the classroom. Join a club to develop leadership, team-building, event management, and networking skills.

The Graduate Business Student Association plays an active role in the leadership of our school. From feedback on the program and curriculum to creating social and educational events, this group works to continuously improve the SFU Beedie student experience.

Net Impact is a student club dedicated to sustainability. It empowers SFU Beedie students to become future-focused and responsible business leaders who make a positive environmental, social, and economic impact in their community and beyond.

The Graduate Women’s Council strives to empower women to lead and succeed in the workplace while pledging to work toward a more inclusive and equal society by organizing networking opportunities, workshops, and access to external events aimed at developing and sustaining a culture of support and encouragement.

CONFERENCES AND EVENTS
Attending conferences is an opportunity to meet and connect with business individuals in the community while gaining exposure to new ideas and innovations. The SFU Beedie Student Engagement Office shares information and potential sponsorship for students to attend events hosted by organizations and associations such as Professional Risk Managers’ International Association (PRMIA), Chartered Financial Analyst Institute, and Investment Management Association.
STUDENT AMBASSADOR PROGRAM
On an annual basis, the MSc Finance program elects Student Ambassadors to represent the Beedie School of Business in a variety of activities, including recruitment, marketing, student and alumni engagement, as well as orientation.

YOUR ALUMNI COMMUNITY
As a SFU Beedie student and future alumnus, you are already a member of an exceptional community made up of over 26,000 SFU Beedie alumni living across the globe. A community known for being innovative, socially responsible and globally minded. As a student we encourage you to attend events, stay connected, and become familiar with the lifetime benefits you have access to as alumni. To learn more click here.

Read more about the student experience on our student blog: A Few Good Minds

GRADUATE MANAGEMENT CONSULTING CAREER PREPARATION (GMCCP) PROGRAM
The GMCCP focuses on introducing graduate students to the basics of preparing for a case interview. During this program you will be exposed to the case interview format and will practice some of the key skills that need to be mastered in order to be successful during a case interview. The program will focus on structured analysis, logical reasoning and client focused communication. Topics covered will include how to structure a case interview, mental math, issue trees, interpreting visual information and effective presentations. Guest speakers and consultants will be invited to provide further insight into consulting and case interviews.
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.

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!

**CENTRAL IN EVERY SENSE**

SFU Beedie MSc Finance students enjoy priority access to SFU’s apartment-style downtown Vancouver residence, which is at the centre of a dynamic living and learning community of entrepreneurship and ideas.

Opened in 2016, the residence is in the same building as the Charles Chang Institute for Entrepreneurship. The Institute is also home to RADIUS Social Innovation Lab and Venture Incubator.

Living at the residence lets you live in the heart of Vancouver—recognized as one of the most livable downtown areas in North America—and walk to class. You can choose from a range of accommodation options, from studios to two-bedroom and study units. Shared amenities provide all the comforts of home.

Want to learn more? Click [here](#).
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.

Top MSc Finance Employment Locations:

69% BC 19% ON (Toronto)


Watch now: Students discuss the ICBC Externship program, an experiential learning opportunity through the Career Management Centre.
SFU Beedie’s Top Employers include:

- FINCAD
- Canalyst
- RBC Capital markets
- RBC Global Asset Management
- TD Securities
- CIBC capital markets
- Scotiabank capital markets
- BMO Capital markets
- BCI
- Scotiabank Commercial Banking
- Coast Capital Savings
- Genus Capital Management Inc.
- PenderFund Capital Management Ltd.
- Delbrook Capital Advisors
- KPMG

Career Planning and Coaching

Whether you already know where you want to go with your career or you’re exploring your options, we are here to support your career journey. We’ll start by providing you with self assessment tools and then give personalized coaching on how to map out future possibilities, assess your fit in the marketplace and tap into the hidden job market. You’ll have access to these services even after you’ve graduated.

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

Take advantage of the largest one-on-one business mentorship program in Western Canada. Last year, the Career Management Centre (CMC) matched students with over 300 industry professionals. These mentors are keen on helping you build business relationships and offering career guidance and advice. Mentors share their knowledge, experience, and wisdom to help you make informed career choices.

Building Industry Knowledge

We will give you an edge over the competition with company tours, guest speakers, spotlight on industry events, career panels and collaboration with professional associations, including CFA Society, PRMIA, CAIA, CAASA. We also offer Transition to Toronto webinars with industry professionals in Toronto to explore careers in capital markets there and help students prepare for a move.

Skill-Building Workshops and Activities

We’re here to assist you through the entire job search process by delivering career building workshops, providing employer mock interviews and networking events, and making personalized introductions within SFU Beedie’s extensive corporate network.
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 then 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.

“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
After some early success making personal stock trades, David Jiang wanted to explore a career in capital markets, which led him to the MSc Finance degree offered at SFU Beedie. He was looking for a program that would help him hit the ground running after graduation.

As portfolio manager for the 19-million dollar, student-led SIAS fund, he hones his skills in investment through hands-on experience managing real money. David is already garnering attention from top firms and is hopeful that he will lock down his dream job before graduation.

“Through the MSc Finance program, I got my first taste of managing millions of dollars. Now potential employers can trust that I am experienced in investment management and being fully accountable for my investment decisions.”

– David Jiang, BCI Intern, Investment Strategy & Risk - Investment Risk Modeling

Watch now: David Jiang’s interview on Bloomberg discussing the SIAS fund
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
  - Admissions Essay
  - Resume
  - Two letters of reference
  - English language score (if applicable)
- Kira video assessment
- Interview for shortlisted candidates

For more detailed information on how to apply, click [here](#).

**ADMISSION REQUIREMENTS**

- Undergraduate degree: min 3.0 CGPA in a quantitative discipline.
- GMAT: 550 or GRE: 155 in each section.
- TOEFL 93+ or IELTS 7+ (with no individual score under 6.5). TOEFL at home will also be accepted.
- International applicants will require a valid Canadian study permit

For more detailed information on the Admission requirements, click [here](#).

**APPLICATION DEADLINES**

- Round 1: November 27th, 2020
- Round 2: January 29th, 2021
- Round 3: April 2nd, 2021
- Final Round: June 18th, 2021

**TUITION**

- Domestic Tuition: $36,245 CAD*^  
- International Tuition: $48,185 CAD*  

*Subject to Board of Governors approval.  
^Canadian Citizens or Permanent Residents

**FEES**

- Textbooks & Materials: $1,500 - $1,850 approx.  
- Student Fees (health insurance, transit pass, recreational/athletic facility pass): $2,500 approx.

**SCHOLARSHIPS**

All students admitted to the MSc Finance program are automatically considered for all available scholarships. We offer a wide variety of merit based scholarships and awards, many of which recognize outstanding achievements in a range of fields. There is no need to submit a separate application for scholarship consideration. Decisions are made by the Admissions Committee on a holistic basis taking into account the overall strength of your application in conjunction with scholarship eligibility criteria.

**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 778-782-6625 or email mscfin@sfu.ca