MSE (Fall 2023) Info Session: QFIN Program

September 21, 2023 (Thu) | 7:30pm – 8:00pm
Agenda

01 Brief Introduction of QFIN
02 QFIN Student Sharing
03 Q&A
OUR TEAM

Prof. Ekkachai SAENYASIRI
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UG Coordinator
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Ms. Miki YEUNG
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Student Advisor
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Established in 2004

Designed for students with a strong interest in the finance industry

Close interaction among students and the Program

Resources and supports from both HKUST and finance professionals

Help young talents to be

- Well-rounded, excellent in both academic and non academic aspects
- Proactive, find ways to improve, involve, and get more opportunities
- Collaboration, know the value of collaboration with others
- Professionals, be ready to excel to pursue careers in finance and business
<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4 or above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total: 24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male vs Female</td>
<td>17:7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local vs Non-Local</td>
<td>20:4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From Mainland China, Hong Kong, India, Thailand</td>
<td></td>
<td></td>
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</tbody>
</table>

| Total: 36 |
| Male vs Female | 27:9 |
| Local vs Non-Local | 23:13 |
| From Mainland China, Hong Kong, Taiwan |

| Total: 48+1* (additional major in QFIN) |
| Male vs Female | 29:20 |
| Local vs Non-Local | 33:16 |
| From Mainland China, Hong Kong, Korea, Macao, Malaysia, United States |

| Total: 53+1* (additional major in QFIN) |
| Male vs Female | 37:17 |
| Local vs Non-Local | 35:19 |
| From Mainland China, Hong Kong, India, Indonesia, Taiwan |

*1 student from DSCT

Total (#): 163 students

(As of September 4, 2023)
QFIN Focus

QFIN Curriculum

FINA
- Finance courses
  - Business sense
  - Analytical skill
  - Communication

TECH
- CS & Math courses
  - Numerical skill
  - Data analysis
  - Problem solving

QFIN Network

Peer
- Close & Collaborative
  - Case comp
  - Mock interview
  - Internship

Professional
- Generous & Supportive
  - QFIN career mentor
  - Alumni network

Diverse student choices
- Technical skills
  - Understand business
  - Work with technology well

Apply learning to practice
- Soft skills
  - Career-driven: prepare for your career
  - Learn from others’ experience

Be well-rounded and prepared for the career you like

By Alex LIU (QFIN, Class of 2020)
QFIN Curriculum

Required Courses
- FINA 3103 Intermediate Investments
- FINA 3203 Derivative Securities
- FINA 3303 Intermediate Corporate Finance
- FINA 3810 Bloomberg Market Concepts Certification
- FINA 4803 Quantitative Trading
- ECON 3334 Introduction to Econometrics
- ISOM 3230 Business Programming in VBA
- MATH 1014 Calculus II
- MATH 2023 Multivariable Calculus

Elective Requirements
- Area A: Finance course
- Area B: Programming and Data Analysis
- Area C: Quantitative Skills

Finance program with additional focus on quantitative skills.

<table>
<thead>
<tr>
<th></th>
<th>Finance</th>
<th>Quantitative</th>
<th>Workplace Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic</td>
<td>Accounting, Economics, Financial Management</td>
<td>Multivariable Calculus, Linear Algebra</td>
<td>Bloomberg Market Concept</td>
</tr>
<tr>
<td>Advance</td>
<td>Investments, Corporate Finance, Derivatives, Quantitative Trading</td>
<td>Data Mining, Statistical Analysis of Financial Data in R</td>
<td>Business Programming in VBA</td>
</tr>
</tbody>
</table>

By Mars LUK (QFIN, Class of 2020)
Additional Majors & Minor Programs

24 Minor Programs Available
MATH, Actuarial Mathematics, Info Tech, Big Data Technology, and Humanities are popular minors among QFIN students

Declaring additional major is possible

<table>
<thead>
<tr>
<th>Additional Major Combinations</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>QFIN + ACCT</td>
<td>1</td>
</tr>
<tr>
<td>QFIN + COSC + MATH</td>
<td>2</td>
</tr>
<tr>
<td>QFIN + COSC</td>
<td>32</td>
</tr>
<tr>
<td>QFIN + DSCT</td>
<td>1</td>
</tr>
<tr>
<td>QFIN + ECON</td>
<td>1</td>
</tr>
<tr>
<td>QFIN + IS</td>
<td>2</td>
</tr>
<tr>
<td>QFIN + MAEC</td>
<td>1</td>
</tr>
<tr>
<td>QFIN + MATH</td>
<td>6</td>
</tr>
</tbody>
</table>

Total: 46
<table>
<thead>
<tr>
<th>Month</th>
<th>Activities</th>
</tr>
</thead>
</table>
| SEP   | QFIN Orientation Day  
|       | QFIN Peer Mentoring Program: Kick-off  
|       | QFIN Career Mentorship Program (CMP): Kick-off  
|       | QFIN x SGFN Speaker Series  
|       | Alumni Sharing cum Practical Demonstration on Essential Market Tools  
|       | Finance Workshop Series |
| FEB   | QFIN CMP: BBQ  
|       | QFIN x SGFN Speaker Series  
|       | QFIN Peer Mentoring Program: Resume Review  
|       | QFIN Career Development Programme  
|       | Alumni Sharing cum Practical Demonstration on Essential Market Tools |
| OCT   | QFIN CMP: Mock Interview and CV Workshop 1  
|       | QFIN x SGFN Speaker Series  
|       | QFIN Peer Mentoring Program: Resume Review  
|       | Finance |
| MAR   | QFIN CMP: Speed Networking  
|       | QFIN x SGFN Speaker Series  
|       | QFIN Student-Alumni Event |
| NOV   | Finance Sports Day  
|       | QFIN x SGFN Speaker Series  
|       | Cross Programs Event  
|       | QFIN Peer Mentoring Program: Resume Review |
| APR   | QFIN Senior Student Sharing  
|       | QFIN Graduation Dinner (for final year students) |
| MAY   | QFIN Cross-cohort X-citement  
|       | QFIN CMP: Presentation Skills Workshop |
QFIN will collaborate with other programs to offer different sessions to students, to expand students’ knowledge.

Our alumni are successful entrepreneurs, who are eager to share and have passion to inspire our students.
QFIN Peer Mentorship Program

Mentor: Year 3 or 4
Mentee: Year 1 or 2
Our prestigious mentors are successful industry practitioners who want to help our students.

QFIN Career Mentorship Program (CMP)
Finance Sports Day

To bring QFIN students, professors, faculty members and PhD students together to the field and create an opportunity for students to see a different side of each other.
QFIN Students’ Achievements

(As of July 2022)

2022
- HSBC Life Insurance Innovation Competition [1st Runner-up]
- HackUST 2022 [Winning Team]

2021
- MBS Case Competition [Champion]
- Jane Street Virtual Electronic Trading Challenge [Overall Winning Team]
- 2021 Citi Treasury and Trade Solutions Case Competition [2nd National Winner in Indonesia]
- LEAP @ HKUST Gender Diversity Case Competition [Champion]
- hackUST2021 [Xiaomi Smart City IoT Award & Final Excellence Award]
- China “Internet+” Innovation & Entrepreneurship Competition [Gold Award]
- FDMT Innovative Internship Challenge [1st Runner-up]

2020
- HK CodeIT Suisse [Team Champion]
- The International Collegiate Programming Contest: Asia Macau Site [Bronze]
- Blockchain Business Model Challenge [1st Runner-up]
- Hong Kong Blockchain Olympiad [Gold Medal]
- International Blockchain Olympiad [Gold Medal]
- CFA Institute Research Challenge [HK Champion]
- HKFPS Innovation for Good CSV Challenge [Best Video Award]

2019
- Oikos Hong Kong Sustainability Impact Case Competition [Champion]
- The International Collegiate Programming Contest: Asia Taipei-Hsinchu Site [Silver]
- JP Morgan Asset and Wealth Management Challenge [Regional 1st Runner-up]
- HSBC/HKU Hong Kong Business Case Competition [1st Runner-up]

2018
- 180 Degrees Consulting Social Impact Case Competition [1st Runner-up]
- Point 72 Asset Management Competition (AIBC) [Champion]
- JP Morgan Asset and Wealth Management Challenge [Asia Pacific Champion]
- Classified Post Hackathon [Champion]
- EY Academy CSR Challenge (FinTech Team Award) [Champion]
## QFIN Career Prospects

### Most Common Types of Job

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banking / Finance</td>
<td>88%</td>
</tr>
<tr>
<td>Others</td>
<td>12%</td>
</tr>
</tbody>
</table>

QFIN graduates pursued further studies at top universities, such as MIT, Princeton, Columbia, Carnegie Mellon (Ph.D. in Machine Learning), U of Chicago, Yale (Ph.D. in Economics), etc...

### Graduate Job Offers (QFIN, Class of 2023) [Data collected in Jun 2023]

- Bank of America: Trader
- Barclays: Global Market Analyst
- BlackRock: Analyst
- Citi Private Bank: Analyst
- CA-CIB: Market Risk Management Trainee
- J.P. Morgan: Analyst
- Jane Street: Quantitative Trader
- Morgan Stanley: Analyst
- Nomura

### Graduate Job Offers (QFIN, Class of 2022) [Data collected in Jun 2022]

- ANZ: FX Trading Analyst
- CICC: Analyst
- Credit Suisse: APAC Markets, Electronic Trading, APAC Solution Sales
- Fidelity Investments: Research Associate, Investment Analyst
- Goldman Sachs: Investment Bank, FX Option Trading
- Jane Street: Trader
- Morgan Stanley: Investment Banking Analyst

### Graduate Job Offers (QFIN, Class of 2021) [Data collected in Jun 2021]

- XY Capital: Quant Analyst
- Morgan Stanley: IBD, Trading Analyst
- BofA: Analyst
- Royal Bank of Canada: Junior Equity Analyst
- Rockpool Capital: Junior Trader
- Credit Suisse: Analyst
- J.P. Morgan: Markets Analyst
- TR Capital: PE Analyst
- Bank of America: Graduate Analyst
- CICC: Hedge Fund Research Analyst
- Bank of America Merrill Lynch: Global Markets Analyst

### Further Studies (QFIN, Class of 2023) [Data collected in June 2023]

- Princeton University: MFin program
- University of Waterlo: MMath Computer Science
- Carnegie Mellon University: Master in Computational Finance (New York Campus)

### Further Studies (QFIN, Class of 2022) [Data collected in June 2022]

- Cornell University: Msc in Applied Economics and Management
- Imperial College London: Msc in Finance
- University of Chicago: Master in Computer Science
- University of Oxford: Msc in Advanced Computer Science

### Further Studies (QFIN, Class of 2021) [Data collected in June 2021]

- LSE: MSc Risk and Finance
- MIT: Master in Finance
- London Business School: Master in Financial Analysis
- University of Chicago: Master in Financial Mathematics
# QFIN Students - Internships

2022 Summer Internships (Year 2-4 students)

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Internship Examples</th>
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<tbody>
<tr>
<td>Admiralty Harbour Capital</td>
<td></td>
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<tr>
<td>Agricultural Bank of China</td>
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<tr>
<td>Albastross Tech</td>
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<tr>
<td>Allianz Global Investors</td>
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<tr>
<td>AltQuest Limited</td>
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<tr>
<td>Apex Management (HK) Limited</td>
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<tr>
<td>Bank of America</td>
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<tr>
<td>Bank of China (Hong Kong)</td>
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<tr>
<td>Barclays Capital Asia Limited</td>
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<tr>
<td>BlackRock</td>
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<tr>
<td>Blackstone</td>
<td></td>
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<tr>
<td>Blockchain Solutions Ltd.</td>
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<tr>
<td>BNP Paribas</td>
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<tr>
<td>Bond Trust Limited</td>
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<tr>
<td>China CITI Bank International</td>
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<tr>
<td>China Merchants Securities (HK)</td>
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<tr>
<td>China Rise Securities Asset Management Co. Ltd.</td>
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<tr>
<td>China Securities</td>
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<td>CICC</td>
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<tr>
<td>CITI</td>
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<tr>
<td>CLSA Limited</td>
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<tr>
<td>Credit Agricole CIB</td>
<td></td>
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<tr>
<td>CSC Financial Co. Ltd.</td>
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</tr>
</tbody>
</table>

On average QFIN students completed 3+ internships before graduations.
How to join QFIN program?

Program-based admission
JUPAS + Non-JUPAS

01

School-based admission
Major Selection Exercise (MSE)

02

MSE: Requirements, Ranking Criteria, and Quota [Indicative] of QFIN in Spring 2023

- CGA 3.0 or above
- B- or above in MATH 1012 / MATH 1013 / MATH 1020 / MATH 1023
- [for 2023/24 intake and after] C+ or above in LANG1401/1402 & B- or above in LANG 1403/1404
- [for 2022/23 intake] B- or above in CORE 1401/1402 & CORE 1403/1404
- [for 2021/22 intake or before] C+ or above in LANG 1002 & 1003
- If you take MATH 1003, you have to get at least A- in MATH 1003 and get at least B- in MATH 1014
- If you transferred MATH 1013, you don’t have to take any other MATH course to apply for QFIN, we will treat it as passing the MATH requirement.
- Holistic assessment based on CGA, selected course performance, CV profile, interview performance, personal statement
- Students admitted in 2022/23: 4
# MSE Statistics (QFIN)

## Admitted to QFIN

<table>
<thead>
<tr>
<th>Term / CGA</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-20 Fall</td>
<td>2</td>
</tr>
<tr>
<td>2019-20 Spring</td>
<td>18</td>
</tr>
<tr>
<td>2020-21 Fall</td>
<td>3</td>
</tr>
<tr>
<td>2020-21 Spring</td>
<td>11</td>
</tr>
<tr>
<td>2021-22 Fall</td>
<td>3</td>
</tr>
<tr>
<td>2021-22 Spring</td>
<td>16</td>
</tr>
<tr>
<td>2022-23 Fall</td>
<td>4</td>
</tr>
<tr>
<td>2022-23 Spring</td>
<td>20</td>
</tr>
</tbody>
</table>

**Rank 1**
- Shortlisted for interview
- Interview performance + CV + CGA

**Rank 2**
Who should apply to join QFIN?

- Excellent Work Ethic
- Maturity
- Teamwork
- Positive Attitude
- Integrity/Honesty
- Courtesy

- Students with a strong desire to work in the finance industry
- Students with strong mathematical backgrounds
- Students with an exceptional analytical and communication skills
Reference Links and Materials

- HKUST Majors & Minors: https://prog-crs.ust.hk/ugprog
- SBM Major Declaration: https://bmundergrad.hkust.edu.hk/academics/academic-planning/major-selections/major-selection
- QFIN Facebook: https://www.facebook.com/hkustqfin
- QFIN Instagram: https://www.instagram.com/ustqfin/
- Metro Education Plus (Metro Radio) Interview (#科大神科qfin): https://www.facebook.com/hashtag/%E7%A7%91%E5%A4%A7%E7%A5%9E%E7%A7%91qfin
- QFIN Alumni Story (2022): https://www.youtube.com/watch?v=HMzQc9zb-cg
- SBM webinar series 2019: BBA Finance and BSc Quantitative Finance Program Highlights: https://www.youtube.com/watch?v=ksxyhz4rAUo&feature=youtu.be
- HKUST Rankings: https://join.ust.hk/why-hkust

But don’t put too much pressure your self and have fun

By Alex LIU (QFIN, Class of 2020)