

Admissions Talk on BSc Programme

Major in Decision Analytics

Major in Risk Management

Major in Statistics

HKU Information Day 2023
November 28, 2023 (Saturday)



HKU has 10 Faculties + 1 Graduate School

(學院)

香港大學 THE UNIVERSITY OF HONG KONG

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All Departments (A-Z)

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A

- > Academic Advising Office
- > Academic Liaison Office
- > Academic Services Office
- > Academic Support and Examinations Section
- > Admissions Office
- > Advanced Dentistry, The Institute of
- > Advancement in Inclusive and Special Education, Centre for
- > Advancement of Chinese Language Education and Research, Centre for
- > Ageing, Sau Po Centre on
- > AIDS Institute
- > Anaesthesiology, Department of

All Departments (A-Z)

- 1 Faculty of Architecture 建
- 2 Faculty of Arts 文
- 3 Faculty of Business and Economics (HKU Business School) 商
- 4 Faculty of Dentistry 牙
- 5 Faculty of Education 教
- 6 Faculty of Engineering 工
- 7 Faculty of Law 法
- 8 Li Ka Shing Faculty of Medicine 醫
- 9 Faculty of Science 理
- 10 Faculty of Social Sciences 社

Graduate School

Search

X Y Z

We are under the Science Faculty

https://hku.hk/faculties/

Science Faculty has 6 School/Departments

<https://www.scifac.hku.hk/> (can be directed from hku.hk/science)

(學系)

The screenshot shows a web browser window with the URL [scifac.hku.hk/about/departments-and-divisions/teaching-departments](https://www.scifac.hku.hk/about/departments-and-divisions/teaching-departments). The page header includes the HKU Science logo and a hamburger menu icon. The main content area displays six departmental cards, each with a representative image, a title, and a 'VIEW' button with a right-pointing arrow. The bottom-right card, for the Department of Statistics and Actuarial Science, is highlighted with a red border and includes an upward-pointing arrow icon labeled 'TOP'.

| Department | Image Description | Action |
|--|--|-------------------|
| School of Biological Sciences | Underwater scene with a sea turtle and coral reefs. | VIEW SCHOOL → |
| Department of Chemistry | Abstract image of colorful, glowing molecular structures. | VIEW DEPARTMENT → |
| Department of Earth Sciences | Glacial landscape with snow-capped mountains and a frozen lake. | VIEW DEPARTMENT → |
| Department of Mathematics | Abstract geometric diagram with vectors and mathematical formulas. | VIEW DEPARTMENT → |
| Department of Physics | Complex scientific apparatus with brass components and a central glass tube. | VIEW DEPARTMENT → |
| Department of Statistics and Actuarial Science | Abstract image of a data stream or code sequence. | VIEW DEPARTMENT → |

SAAS Department offers 3 UG programmes

<https://saasweb.hku.hk/>

(can be directed from hku.hk/statistics)

3 TPG programmes

2 RPG programmes



Department of 統計及精算學系
Statistics & Actuarial Science
THE UNIVERSITY OF HONG KONG



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Department Office:
3/F, Run Run Shaw Building

Programmes & Admissions

Admissions

Undergraduate Programmes:

- Bachelor of Arts and Sciences in Applied Artificial Intelligence (BAsc(AppliedAI))
- Bachelor of Science (Major in Decision Analytics) (BSc)
- Bachelor of Science (Major in Risk Management) (BSc)
- Bachelor of Science (Major in Statistics) (BSc)
- Bachelor of Science in Actuarial Science (BSc(ActuarSc))

**3 Majors in the
BSc Programme**



Undergraduate Study

➤ Faculty of Science

❖ Bachelor of Science (BSc)

- 14 majors + 7 intensive majors
- 1 Major / 2 Majors / Major-Minor / Major-2 Minors

➤ Department of Statistics and Actuarial Science

❖ Major in Decision Analytics

❖ Major in Risk Management

❖ Major in Statistics

❖ Minor in Actuarial Studies

❖ Minor in Risk Management

❖ Minor in Statistics

the study of
quantitative analysis

Quantitative Analysis

- Mathematical foundation (MATH1013, MATH2014)
- Probability distributions (STAT2601)
- Statistical inference (STAT2602)
- Linear modelling (STAT3600)

Quantitative Analysis

➤ Decision Analytics

❖ Data science

❖ Machine learning

Computation-oriented

➤ Risk Management

❖ Financial modelling

❖ Risk analysis

Financial risk-oriented

➤ Statistics

❖ Applied mathematics

❖ Methodology

General study, applicable to all quantitative areas

Curricular Structure: DA

Suggested / Example Structure of BSc (Major in Decision Analytics) Curriculum (for students admitted to Year 1 in 2022 and thereafter)

| Year | One | | Two | | Three | | Four | |
|----------------------------|---|---|---|---|--|--|--|---------------------------------------|
| Semester | One | Two | One | Two | One | Two | One | Two |
| Disciplinary Core | COMP1117 Computer Programming MATH1013 University Mathematics II | MATH2014 Multivariable Calculus and Linear Algebra STAT2601 Probability and Statistics I | STAT2602 Probability and Statistics II | COMP2119 Introduction to Data Structures and Algorithms STAT3600 Linear Statistical Analysis | MATH3904 Introduction to Optimization STAT3612 Statistical Machine Learning | COMP3278 Introduction to Database Management Systems | | STAT4609 Big Data Analytics |
| Other | | | COMP2113 Programming Technologies (Pre-requisite of COMP2119) | | | | Capstone (at least 6 credits) STAT3799 Directed Studies in Statistics STAT4710 Capstone Experience for Statistics Undergraduates STAT4766 Statistics Internship STAT4799 Statistics Project | |
| Disciplinary Elective | | | | | At least 12 credits (2 courses) selected from the following courses: COMP3250 Design and Analysis of Algorithms COMP3270 Artificial Intelligence COMP3323 Advanced Database Systems COMP3407 Scientific Computing STAT3620 Modern Nonparametric Statistics STAT3621 Statistical Data Analysis STAT3622 Data Visualization STAT3655 Survival analysis STAT4011 Natural language processing STAT4023 Medical image analysis STAT4601 Time-series Analysis STAT4602 Multivariate Data Analysis STAT4610 Bayesian Learning | | | |
| Science Foundation Courses | SCNC1111 Scientific Method and Reasoning | SCNC1112 Fundamentals of Modern Science | | | | | | |
| Common Core | Six common core courses within the first three years | | | | | | | |
| Language | CAES1000 Core University English (offered in both semesters) | | CAES9820 Academic English for Science Students or CAES9821 Professional & Technical Communication for Mathematical Sciences (offered in both semesters) | | CSCI9001 Practical Chinese for Science Students (offered in both semesters) | | | |

Note 1: If there are any courses (offered by SAAS or not) mutually exclusive to any Core courses, students must take the course stated in the curriculum to fulfil the degree requirement of the First Major. Course replacement should only be applied for the other Major(s) or Minor(s).

Note 2: This table is for students' reference only for planning their studies ahead. Course offering semester and availability are subject to changes. Some courses are offered in both semesters.

Note 3: Please read the Faculty of Science's Student Handbook and Syllabuses & Regulations for more details.

Curricular Structure: RM

21 July 2023

THE UNIVERSITY OF HONG KONG
DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE

Suggested / Example Structure of BSc (Major in Risk Management) Curriculum

| Year | One | | Two | | Three | | Four | |
|----------------------------|---|--|--|---|--|-----|------|-----|
| Semester | One | Two | One | Two | One | Two | One | Two |
| Disciplinary Core | MATH1013 University Mathematics II STAT1600 Statistics: Ideas and Concepts | MATH2014 Multivariable Calculus and Linear Algebra | STAT2601 Probability and Statistics I | STAT2602 Probability and Statistics II STAT3615 Practical Mathematics for Investment | STAT3600 Linear Statistical Analysis STAT3609 The Statistics of Investment Risk | | | |
| Disciplinary Elective | | | | | At least 30 credits (5 courses) selected from the following courses: STAT3603 Stochastic Processes STAT3610 Risk Management and Insurance STAT3612 Statistical Machine Learning STAT3618 Derivatives and Risk Management STAT3655 Survival analysis STAT3911 Financial Economics II STAT4601 Time-series analysis STAT4603 Current Topics in Risk Management STAT4606 Risk Management and Basel Accords in Banking and Finance STAT4607 Credit Risk Analysis STAT4608 Market Risk Analysis | | | |
| Capstone | | | | | At least 6 credits selected from the following courses: STAT3799 Directed Studies in Statistics (6 credits) STAT4710 Capstone Experience for Statistics Undergraduates (6 credits) STAT4766 Statistics Internship (6 credits) STAT4799 Statistics Project (12 credits) | | | |
| Science Foundation Courses | SCNC1111 Scientific Method and Reasoning | SCNC1112 Fundamentals of Modern Science | | | | | | |
| Common Core | Six common core courses within the first three years | | | | | | | |
| Language | CAES1000 Core University English (offered in both semesters) | | CAES9820 Academic English for Science Students or CAES9821 Professional & Technical Communication for Mathematical Sciences (offered in both semesters) | | CSCI9001 Practical Chinese for Science Students (offered in both semesters) | | | |

Note 1: If there are any courses (offered by SAAS or not) mutually exclusive to any Core courses, students must take the course stated in the curriculum to fulfil the degree requirement of the First Major. Course replacement should only be applied for the other Major(s) or Minor(s).

Note 2: This table is for students' reference only for planning their studies ahead. Course offering semester and availability are subject to changes. Some courses are offered in both semesters.

Note 3: Please read the Faculty of Science's Student Handbook and Syllabuses & Regulations for more details.

Curricular Structure: ST

21 July 2023

THE UNIVERSITY OF HONG KONG
DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE

Suggested / Example Structure of BSc (Major in Statistics) Curriculum (for students admitted to Year 1 in 2022 and thereafter)

| Year | One | | Two | | Three | | Four | |
|----------------------------|---|--|--|--|---|---|------|-----|
| Semester | One | Two | One | Two | One | Two | One | Two |
| Disciplinary Core | MATH1013 University Mathematics II STAT1600 Statistics: Ideas and Concepts | MATH2014 Multivariable Calculus and Linear Algebra | STAT2601 Probability and Statistics I | STAT2602 Probability and Statistics II | STAT3600 Linear Statistical Analysis | STAT4602 Multivariate Data Analysis | | |
| Disciplinary Elective | | | | | At least 36 credits (6 courses) from Lists A and B, among which at least 18 credits from List A: <u>List A</u> STAT3602 Statistical Inference STAT3603 Stochastic Processes STAT3620 Modern Nonparametric Statistics STAT3621 Statistical Data Analysis STAT3655 Survival Analysis STAT4601 Time-series Analysis <u>List B</u> STAT3604 Design and Analysis of Experiments STAT3606 Business Logistics STAT3607 Statistics in Clinical Medicine and Bio-medical Research STAT3608 Statistical Genetics STAT3612 Statistical Machine Learning STAT3613 Marketing Engineering STAT3617 Sample Survey Methods STAT4610 Bayesian Learning | | | |
| Capstone | | | | | At least 6 credits selected from the following courses: STAT3799 Directed Studies in Statistics (6 credits) STAT4710 Capstone Experience for Statistics Undergraduates (6 credits) STAT4766 Statistics Internship (6 credits) STAT4799 Statistics Project (12 credits) | | | |
| Science Foundation Courses | SCNC1111 Scientific Method and Reasoning | SCNC1112 Fundamentals of Modern Science | | | | | | |
| Common Core | Six common core courses within the first three years | | | | | | | |
| Language | CAES1000 Core University English (offered in both semesters) | | CAES9820 Academic English for Science Students or CAES9821 Professional & Technical Communication for Mathematical Sciences (offered in both semesters) | | CSCI9001 Practical Chinese for Science Students (offered in both semesters) | | | |

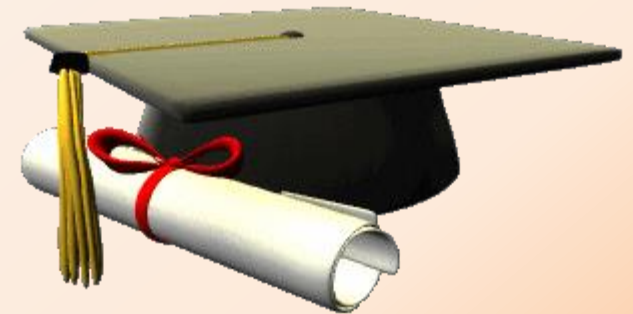
Note 1: If there are any courses (offered by SAAS or not) mutually exclusive to any Core courses, students must take the course stated in the curriculum to fulfil the degree requirement of the First Major. Course replacement should only be applied for the other Major(s) or Minor(s).

Note 2: This table is for students' reference only for planning their studies ahead. Course offering semester and availability are subject to changes. Some courses are offered in both semesters.

Note 3: Please read the Faculty of Science's Student Handbook and Syllabuses & Regulations for more details.

Other Graduation Requirements

- Other than taking Disciplinary Core and Elective courses
- 3 Language Courses
 - ❖ CAES1000 (Year 1)
 - ❖ CAES9821 (Year 2)
 - ❖ CSCI9001 (Year 3)
- 6 Common Core (CC) Courses
- 1 Capstone Course
 - ❖ STAT3799, STAT4799 [Individual Project]
 - ❖ STAT4710 [Group Project]
 - ❖ STAT4766 [Internship]



Common Core (CC) Courses

➤ <https://commoncore.hku.hk/>

➤ 4 Areas of Inquiry (Aols):

- ❖ Science, Technology and Big Data
- ❖ Arts and Humanities
- ❖ Global Issues
- ❖ China: Culture, State and Society.



Science, Technology
and Big Data



Arts and Humanities



Global Issues



China: Culture,
State and Society

➤ Requirement:

- ❖ Take 6 CC courses, one from each Aol and not more than 2 from any Aol

➤ Enrollment Statistics:

- ❖ https://sweb.hku.hk/ccacad/ccc_appl/enrol_stat.html

Career Prospect



Employment Statistics

| Mean Salary | DA | RM | ST | HKU |
|-------------|----------|----------|----------|----------|
| 2019 | \$24,759 | \$22,658 | \$22,277 | \$27,175 |
| 2020 | \$19,625 | \$20,435 | \$20,950 | \$27,956 |
| 2021 | \$25,977 | \$23,070 | \$42,067 | \$28,921 |
| 2022 | N/A | \$22,141 | \$23,667 | \$30,919 |

DA Job Titles:

- Analyst
- Associate Technical Consultant
- Data Analyst
- Data Governance Officer
- Investment Associate
- Junior Data Scientist
- Software Engineer
- Staff Associate
- Technology Consultant
- Wealth Management Manager

RM Job Titles:

- Actuarial Analyst
- Analyst
- Assistant Dealer
- Assistant Relationship Manager
- Consultant
- Executive Assistant
- Investment Analyst
- Market Risk Trainee
- Operation Officer
- Risk Associate
- Risk Management Officer
- Senior Officer
- Statistical Assistant

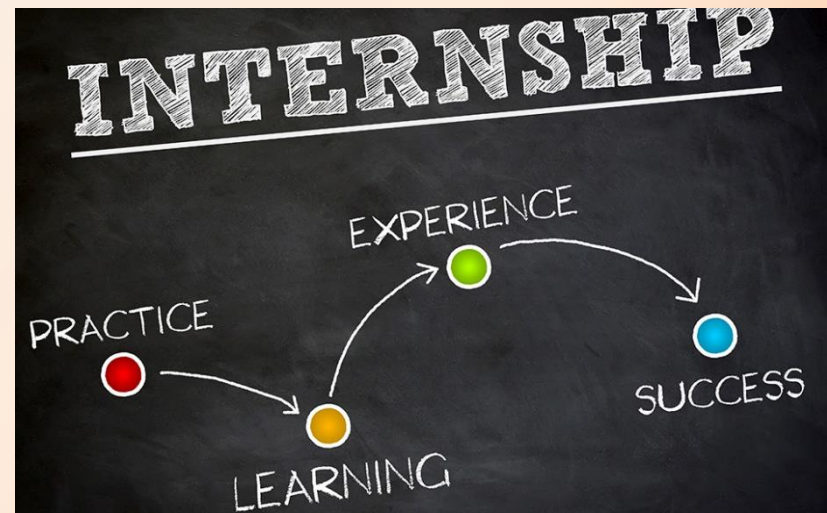
ST Job Titles:

- Analyst
- Assistant Manager
- Associate Statistical Analyst
- Backend Software Developer
- Consultant
- Data Analyst
- Developer
- Financial Data Analyst
- Full-time Teacher
- Marketing Analyst Associate
- Research Executive
- Software Engineer
- Teaching Assistant
- Trader

Career Matters

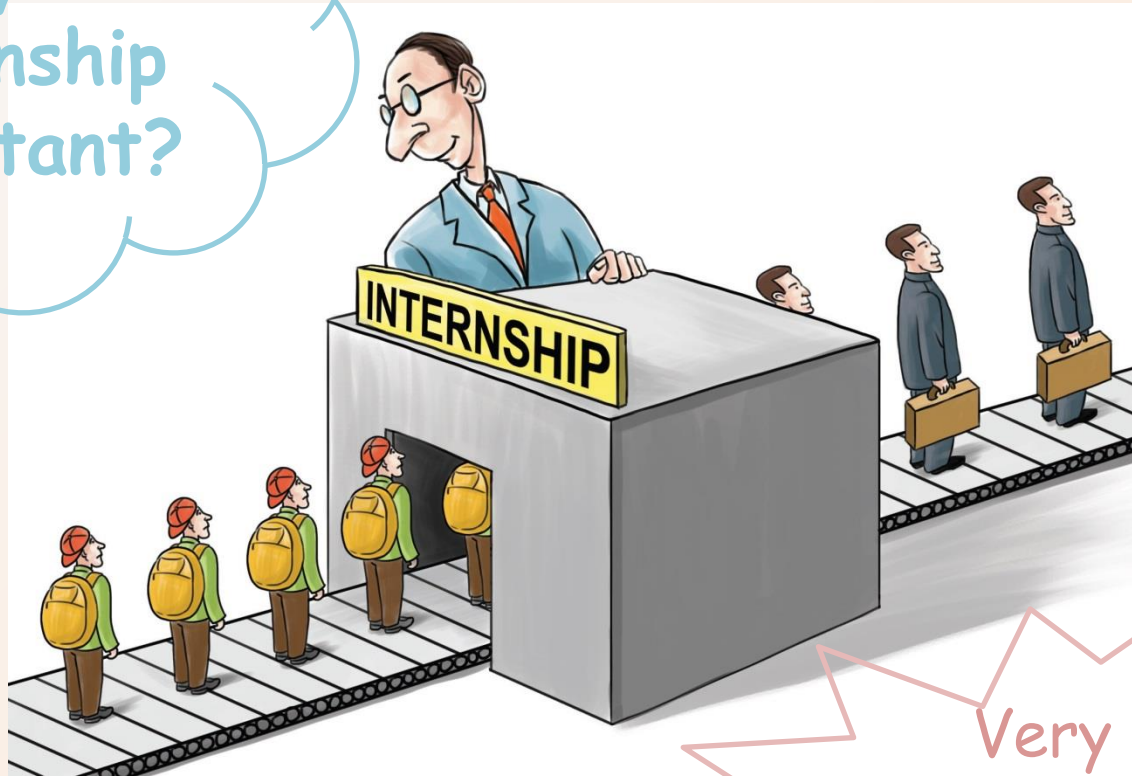


Internship and Career Training



Internship

Why is
internship
important?



Very
competitive
market!

Internship / Job Online-application System



Department of 統計及精算學系
Statistics & Actuarial Science



Home | About Us | People | Research | Study Programmes | **For Students** | News & Events | Useful Links

- › BSc
- › BSc(ActuarSc)
- › MStat
- › Research Postgraduate
- › **Student Internship**
- › Student Intranet
- › Scholarships
- › Career Advising Programme (CAP) **NEW**

The Internship Programme

[Login to Internship/Job Online-application System](#)

› Benefits to Students

There is no better training than obtaining solid hands-on experience in the real workplace. Our Internship Programme serves precisely this purpose. As an intern, the student will gain insight into the challenging world and daily activities of an Actuary/Statistician while strengthening his/her technical, analytical and communication skills.

Under the Internship Programme, BSc(ActuarSc) students, students who declare Decision Analytics / Risk Management / Statistics as their First Major, and our postgraduate students are eligible to use the Department's Internship/Job Online-application System, where related internships and other job openings including graduate positions will be posted.

Our alumni may wish to know that normally they will still be eligible to use the System after graduation from our Department.

› Benefits to Employers

Actuarial Science and Decision Analytics / Risk Management / Statistics students at The University of Hong Kong are equipped with a wide spectrum of knowledge and skills:

- data management, data analysis, statistical modelling;
- loss modelling, actuarial modelling; and
- ability to use software packages: word processing, spreadsheets, VBA, database management, SAS, graphics, PowerPoint presentation.

Actuarial Science and Decision Analytics / Risk Management / Statistics students can contribute to the employer's company in many areas:

| Skills and Areas of Knowledge | Typical Job Areas |
|---|--|
| <ul style="list-style-type: none">• financial services and banking• insurance pricing and analysis• actuarial consulting• pension and benefit programme evaluation• financial reporting• risk analysis | <ul style="list-style-type: none">• data analysis for evaluation of programmes• end-user computer support• designing worksheets and graphs• using PC spreadsheet software• financial analysis using actuarial and statistical techniques |

Internship / Job Online-application System



Department of 統計及精算學系
Statistics & Actuarial Science



Internship / Job Online-application System



UID :

Name :

Last Status : Available working period: From: 2017-07-01 To: 2019-12-31

PPP Score : Letter & CV Submitted :

Major : Actuarial Science

E-mail :

Contact Phone:

Mock Interview : Case Analysis & Presentation :

[Current Job List](#) •
 [Application History](#) •
 [Past Internship/Jobs](#) •

Records shown 1 - 13 of 13

| Jobtype | Company Name | Job Title / Job Description / Form | Closing date | Action |
|------------------|-----------------------------------|--|--------------|---|
| Internship_AS&ST | Chubb Life Hong Kong | Actuarial Interns (Jan-Jun 2018) SP 1114 | 2017-08-27 | Submit completed application via email at <input type="text" value=""/> @chubb.com |
| Internship_AS&ST | AXA China Region Insurance Co Ltd | Intern (Jan-Jun 2018) FL 1138 | 2017-08-27 | APPLY |
| Internship_AS&ST | Prudential Hong Kong Limited | Actuarial Intern (Jul-Dec 2018) ML 1193 | 2017-09-30 | APPLY |
| Internship_AS&ST | AIA Group | Actuarial Internship Programme (Jul-Dec 2018) AW 1201 | 2017-08-20 | APPLY |
| Internship_AS | Prudential Corporation Asia | 3 Actuarial Internships (Jul-Dec 2018) NC 1212 | 2017-08-27 | APPLY |
| Internship_AS&ST | Hannover Re | Data Analyst Intern/Actuarial Intern (start in mid of Aug) AY 1222 | 2017-08-13 | Submit completed application via email at <input type="text" value=""/> @hannover-re.com |
| Full-time_AS&ST | Deloitte China | Consultant / Senior Consultant (GRAD)(ASAP) GL 1225 | 2017-08-20 | Submit completed application via email at <input type="text" value=""/> @deloitte.com.hk |
| Internship_ST&AS | Swiss Re | Intern (ASAP)(6 months) RL 1230 | 2017-08-16 | Submit completed application via email at <input type="text" value=""/> @swissre.com |
| Full-time_ST&AS | Swiss Re | 2018 Graduates Programme(GRAD)(ASAP) RL 1232 | 2017-09-30 | Please apply directly through http://www.swissre.com/ <input type="text" value=""/> |
| Full-time_AS&ST | Prudential Corporation Asia | Actuarial Assistant (GRAD)(ASAP) NC 1233 | 2017-08-20 | APPLY |
| Internship_ST&AS | JP Morgan | 2018 C&I Bank Risk Management Summer Analyst Program JP 1234 | 2017-10-29 | Please apply directly through https://jpmc.recsolu.com/external/requisitions/xzCM1GKqKa3kc <input type="text" value=""/> |
| Internship_AS&ST | AIA Group | Actuarial Audit Internship Programme (Jan-Jun 2018) CL 1235 | 2017-08-20 | APPLY |
| Full-time_AS | FTLife Insurance Company Limited | Actuarial Assistant (GRAD) (ASAP) CC 1236 | 2017-09-10 | Submit completed application via email at <input type="text" value=""/> @flife.com.hk |

[Change Password](#)

[Update Contact Phone No.](#)

[Update Status](#)

[Logout](#)

Internship / Job Online-application System

Please read the following terms very carefully and complete the blanks, if applicable, before you submit applications:

DECLARATIONS

1. If applicable, I have completed my last exchange on or last internship on .
2. Based on my latest available period, from **2017-07-01** to **2019-12-31**, I am available for the entire appointment period.
3. If applicable, I have a valid permission to take up this job in accordance to the Immigration Regulations.
4. If I am nominated for the post, I will attend the employer's interview and if applicable, I will accept employer's offer. I will complete the Interview Feedback Form ASAP (but not later than 3 days) after attending the interview and receiving offer.
5. If I decide to decline any possible nomination and job offer, I will notify the Department within 24 hours at internship-job@saas.hku.hk.
6. If applicable, requirements I do not meet include
 (Max. 100 characters).
7. I have provided the latest CV and cover letter tailored to this particular job.
8. If I resign from the position prior to the end date stated in the job description, I will complete Section C of the Interview Feedback Form within 3 days.
9. I agree not to send my application directly to the employer without prior consents of my Department.
10. I taken the course STAT4767 Actuarial Science Internship. If not, I take the course STAT4767 Actuarial Science Internship after I accept an internship position. (This course is required if you want to be regarded as a student intern and exempted from the Minimum Wage Ordinance).
11. After I accept a full-time internship position that overlaps with the academic school period from September 1 to May 31, I will apply for leave of absence from the Department via the Faculty of Science office as soon as possible. Please note that the Department reserved the right NOT to approve any cancellation for leave of absence that has already been approved.
12. **I understand that I may be disqualified for nomination of all prospective internship and graduate job opportunities for any reported violation of the above obligations.**

| | | | | | | | | | | | | | |
|---|--|-----------------------------|---------------------------------|---------------------------|---------------------------------|----------------------------|---------------------------------|----------------------------|---------------------------------|-----------------------------|---------------------------------|-----------------------------|---------------------------------|
| Application Form / Cover Letter (compulsory) <small>If an application form is available, you must submit your filled form as required here.</small> | <input type="button" value="Choose File"/> No file chosen | | | | | | | | | | | | |
| CV / Resume (compulsory) | <input type="button" value="Choose File"/> No file chosen | | | | | | | | | | | | |
| Scanned HKU Transcript / Exam Result (compulsory) <small>Please capture the page which shows ALL your Course Names, Exam Grades and your current CGPA in HKU Portal and then save it as PDF.</small> | <input type="button" value="Choose File"/> No file chosen | | | | | | | | | | | | |
| Other Supporting Document(s) <small>(combine all relevant supporting documents into one PDF file.)</small> | <input type="button" value="Choose File"/> No file chosen | | | | | | | | | | | | |
| PC Skill | <input type="text"/> (Max. 100 characters) | | | | | | | | | | | | |
| Language Skill | <table border="0"> <tr> <td>DSE English or Equivalent</td> <td><input type="text" value="NA"/></td> <td>DSE Chinese or Equivalent</td> <td><input type="text" value="NA"/></td> </tr> <tr> <td>HKAL English or Equivalent</td> <td><input type="text" value="NA"/></td> <td>HKAL Chinese or Equivalent</td> <td><input type="text" value="NA"/></td> </tr> <tr> <td>HKCEE English or Equivalent</td> <td><input type="text" value="NA"/></td> <td>HKCEE Chinese or Equivalent</td> <td><input type="text" value="NA"/></td> </tr> </table> | DSE English or Equivalent | <input type="text" value="NA"/> | DSE Chinese or Equivalent | <input type="text" value="NA"/> | HKAL English or Equivalent | <input type="text" value="NA"/> | HKAL Chinese or Equivalent | <input type="text" value="NA"/> | HKCEE English or Equivalent | <input type="text" value="NA"/> | HKCEE Chinese or Equivalent | <input type="text" value="NA"/> |
| DSE English or Equivalent | <input type="text" value="NA"/> | DSE Chinese or Equivalent | <input type="text" value="NA"/> | | | | | | | | | | |
| HKAL English or Equivalent | <input type="text" value="NA"/> | HKAL Chinese or Equivalent | <input type="text" value="NA"/> | | | | | | | | | | |
| HKCEE English or Equivalent | <input type="text" value="NA"/> | HKCEE Chinese or Equivalent | <input type="text" value="NA"/> | | | | | | | | | | |

Professional Preparation Programme (PPP)

- Offered in both semesters
- Series of workshops
- Modules



❖ Case Analysis & Presentation

- *Provide business cases and real-life situations for your professional analysis*

❖ Group Interview

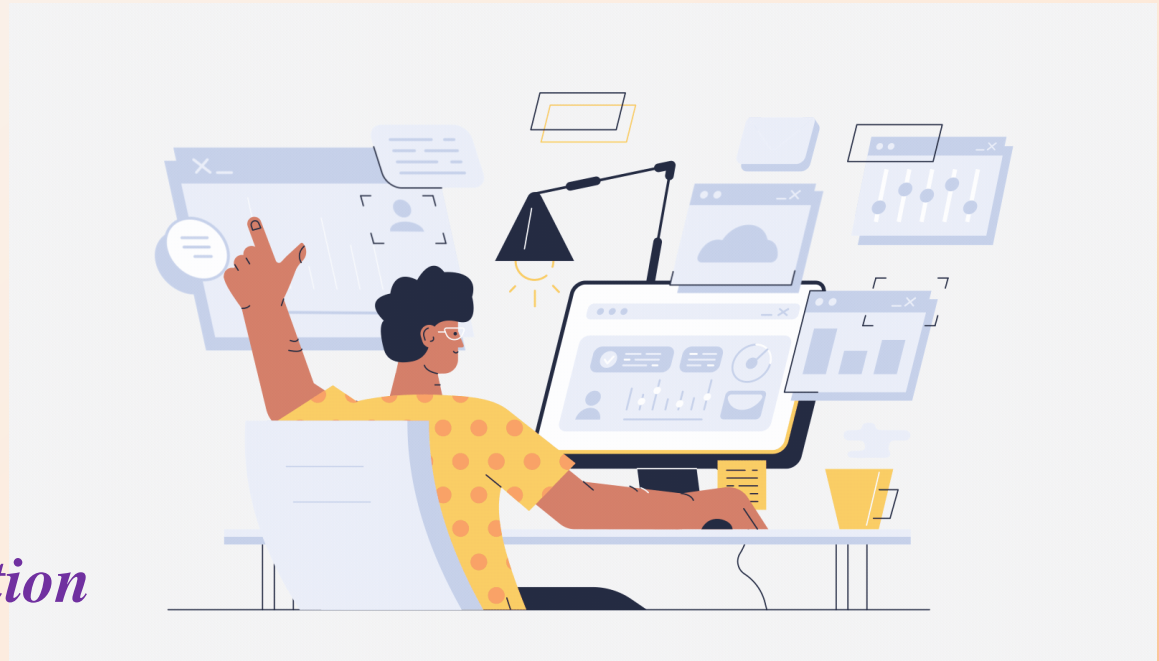
- *Specialize the skill in collaboration in group presentation, like leadership and organization*

❖ Choosing between Job Offers (for more senior students)

- *Train students on how to assess different offers critically and make a wise decision*

Certificate Course in “Essential IT Skills”

- Non-credit bearing
- Offered in June (after Semester 2)
- Senior year students have priority, but Year 1 students are also admitted!
- Contents
 - ❖ *C++*
 - ❖ *Excel VBA*
 - ❖ *SQL*
 - ❖ *R*
 - ❖ *Python*
 - ❖ *Project presentation*



Career Advising Programme (CAP)

- Tailored consultation on CV and cover letter writing
- One-to-one or group consultation on interview skills, e.g. mock interview
- Tailored modules of Professional Preparation Programme (PPP)
- Career talks
- Company visits
- Alumni sharing
- **SAAS Career Fair** [Big Event!]



Study Abroad



Exchange Experience



Exchange Opportunities

- HKU Worldwide Undergraduate Student Exchange Programme (HKUWW)
 - ❖ <https://intlaffairs.hku.hk/hku-worldwide-student-exchange>
- HKU Summer Institute
 - ❖ <https://summerinstitute.hku.hk>
- Faculty of Science Exchange Programme
 - ❖ <https://www.scifac.hku.hk/current/ug/el/exchange/faculty-exchange-programme>



Exchange Credit Transfer

➤ Faculty of Science: Course Equivalence Database

❖ https://webapp.science.hku.hk/student/servlet/course_equiv

For credit transfer reference:

Students on exchange may take courses regarded as equivalent to some HKU courses to fulfill the degree requirement.

COURSE EQUIVALENCE DATABASE

University

18. Canada - University of Toronto

Canada - University of Toronto

| No. | Partner Code | Partner Credit/Unit | Partner Title | HKU Code | HKU Credit | HKU Title |
|-----|--------------|---------------------|---|----------|------------|---|
| 1. | ACT349H1 | 0.5 | Corporate Finance for Actuarial Science | STAT3904 | 6 | Corporate finance for actuarial science |
| 2. | ACT370H1 | 0.5 | Financial Principles for Actuarial Science II | STAT3910 | 6 | Financial economics I |
| 3. | ACT451H1 | 0.5 | Loss Models | STAT3906 | 6 | Risk theory I |
| 4. | ACT455H1 | 0.5 | Advanced Topics in Actuarial Science | STAT3909 | 6 | Advanced life contingencies |
| 5. | ACT460H1 | 0.5 | Stochastic Methods for Actuarial Science | STAT3911 | 6 | Financial economics II |
| 6. | ACT466H1 | 0.5 | Credibility and Simulation | STAT3908 | 6 | Credibility theory and loss distributions |
| 7. | ACT470H1 | 0.5 | Advanced Pension Mathematics | STAT3956 | 6 | Pension funds and pension mathematics |

S35415

THE UNIVERSITY OF HONG KONG
FACULTY OF SCIENCE

For 4-Year Curriculum

**Application for Leave of Absence and Transfer of Credits for
BSc / BSc(ActuarSc) Outgoing Exchange/Visiting Students**
(Academic Year : _____)

IMPORTANT NOTES:

- This form should be submitted to the Faculty Office, with all supporting documents attached, at least 1 month before the date of departure.
- The Dean, on the recommendation of the Department concerned, would consider your application for transfer of credits. Transfer of credits is conditional upon your successful completion of the approved courses.
- Students should not change the applied list of courses for credit transfer and the applied equivalent course at HKU afterwards (UNLESS you cannot take such course(s) eventually at your host institution. In such case, you should inform the Faculty by the end of the add/drop period at your host institution for any change of your applied list of courses (including applying new course(s) for credit transfer, dropping applied course(s) at HKU for applied course(s) for approval by the Dean. Any changes in credit transfer application after 1 month of the commencement of exchange/visiting semester will NOT be considered.
- Credits transferred are not included in the calculation of GPA. Only the examination results obtained from this University will be used to determine the honours classification. The Board meets in late June each year to determine honours classification.

Part I : General Information

Name : _____ () Programme of study : _____ University No : _____ Year of Admission to BSc : _____ Current Year of study : 1/2/3/4 *

Intended Major & Minor : Major(s) in _____ (Major 1) _____ (Major 2) Minor(s) in _____ (Minor 1) _____ (Minor 2)

Contact Telephone Number : _____ Email address : _____ Period of exchange/visiting : _____ (Period of leave of absence to be applied: MM/YY - MM/YY)

Host Institution and Country : _____ Duration : 1st semester / 2nd semester / Summer Semester / 1 year *

* *delete as appropriate*

Part II : Application for Leave of Absence and Credit Transfer (Please ✓ wherever appropriate)

I wish to apply for leave of absence for my exchange/visiting period, but do NOT wish to apply for transfer of credits to be taken at the host institution. (Go to Part IV)

I wish to apply for leave of absence for my exchange/visiting period and wish to apply for transfer of credits to be taken at the host institution.

I would like to apply for _____ credits of transfer to the HKU BSc / BSc(ActuarSc) degree. (Go to Part III)

Part III : Course information of host institution *

(A) The following details are required for the Faculty to process your application for transfer of credits. You may need to contact the host institution for such details.

Duration of the undergraduate degree curriculum: _____ years Number of semester/terms in each academic year: _____ Start date of semester/term: _____

Number of teaching weeks: _____ in each semester/term ; _____ in each year Standard semester/term study load (credit/unit): _____ Number of credits required for graduation (credit/unit): _____

Approximate number of contact hours of each credit / unit of course : _____ Deadline of course add/drop period : _____ Expected date of announcement of examination results: _____

* Supporting documents (with source link), such as course handbook, syllabuses, from the host institution must be attached, otherwise your application for transfer of credits cannot be processed.

Career Support and Activities

- Centre of Development and Resources for Students (CEDARS) (www.cedars.hku.hk)
- Prelude to Actuarial Internships and Workplace Etiquette Workshop
- Actuarial Internship Presentation by senior AS students
- Departmental Internship/Job Online-application System
- Career Advising Programme (CAP)
 - 😊 Professional Preparation Programme (PPP)
 - 😊 Individual consultation on cover letter, CV and interview skills
 - 😊 Corporate Mentorship Programme (CMP)
 - 😊 Market information workshop
 - 😊 Firm visits and alumni sharing
 - 😊 SAAS Career Fair





THANK YOU
FOR YOUR
ATTENTION

Q & A

