

THE UNIVERSITY OF HONG KONG  
DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE  
**Suggested BSc (ActuarSc) First Year Timetable (4-year curriculum)**

**1st semester of 2018-19**

|                  | Monday                   | Tuesday    | Wednesday   | Thursday   | Friday                   | Saturday    |            |
|------------------|--------------------------|------------|-------------|------------|--------------------------|-------------|------------|
| 8:30 – 9:20 am   |                          |            |             |            |                          | Common Core |            |
| 9:30 – 10:20 am  | ECON1210-D               |            | ECON1210-C  |            |                          |             |            |
| 10:30 – 11:20 am | ECON1210-D               | ACCT1101-B | ECON1210-C  | ECON1210-A |                          |             |            |
| 11:30 – 12:20 pm | ECON1210-A<br>ECON1210-D | ACCT1101-B | ECON1210-C  | ECON1210-A | ACCT1101-B               |             |            |
| 12:30 – 1:20 pm  |                          |            | Common Core |            |                          |             |            |
| 1:30 – 2:20 pm   |                          | MATH1821-A |             |            | ACCT1101-A<br>ECON1210-B |             |            |
| 2:30 – 3:20 pm   | ACCT1101-A<br>ECON1210-B | MATH1821-A |             |            | ACCT1101-A<br>ECON1210-B |             | MATH1821-A |
| 3:30 – 4:20 pm   |                          |            |             |            |                          |             |            |
| 4:30 – 5:20 pm   |                          | ACCT1101-D |             |            | ACCT1101-H               |             |            |
| 5:30 – 6:20 pm   | ACCT1101-H               | ACCT1101-D |             |            | ACCT1101-H               | ACCT1101-D  |            |

Other courses to be taken: (too many subclasses to list)

CAES1000: There are about 46 subclasses in first semester.

Remarks:

ACCT1101: A no. of places are reserved in subclasses A, B, D, and H for BSc(AC) students. See the timeslots above.

ECON1210: A no. of places are reserved in subclasses A, B, C and D for BSc(AC) students. See the timeslots above.

**2nd semester of 2018-19**

|                  | Monday                   | Tuesday  | Wednesday   | Thursday   | Friday     | Saturday    |
|------------------|--------------------------|----------|-------------|------------|------------|-------------|
| 8:30 – 9:20 am   |                          |          |             |            |            | Common Core |
| 9:30 – 10:20 am  | STAT2902                 |          |             | STAT2902   |            |             |
| 10:30 – 11:20 am | STAT2902                 |          |             | ECON1220-E |            |             |
| 11:30 – 12:20 pm | ECON1220-E               |          |             | ECON1220-E |            |             |
| 12:30 – 1:20 pm  |                          | STAT2901 | Common Core |            | STAT2901   |             |
| 1:30 – 2:20 pm   |                          | MATH2822 |             |            | ECON1220-I | STAT2901    |
| 2:30 – 3:20 pm   | ECON1220-G<br>ECON1220-I | MATH2822 |             |            | ECON1220-I | MATH2822    |
| 3:30 – 4:20 pm   | ECON1220-G<br>ECON1220-H |          |             |            | ECON1220-H |             |
| 4:30 – 5:20 pm   | ECON1220-G<br>ECON1220-H |          |             |            |            |             |
| 5:30 – 6:20 pm   |                          |          |             |            |            |             |

Remarks:

ECON1220: A no. of places are reserved in subclasses E, G, H and I for BSc(AC) students. See the timeslots above.

**Notes:**

1. As there may be different subclasses in each course, the above time slots are suggestions only. Students can choose other subclasses of the above-mentioned courses should they prefer, as long as there are no time clashes. Please note that seats are not reserved for actuarial freshmen in CAES1000 and subclasses other than the ones listed above.
2. The above timetables are put together for students' reference only. In the event of discrepancies between the above timeslots and the online information in Portal, the online information in Portal shall prevail.
3. Students should always select core or required courses first, i.e. the above-mentioned courses when adding courses into their course selection reports.
4. Students should check their class selection results periodically. If students are not successful in getting a place in their first choice, they should choose another time slot, given that each subclass has a quota.
5. Students are strongly advised to complete their course selection exercise before the suspension period. This is because the number of available places in certain courses may drop significantly after the suspension period, where course-based clearing (or so-called class balloting) will be performed.
6. Students are also reminded to pay attention to the quota and drop-consent, if applicable, of each course. Any enquiries about the courses should be directed to the corresponding *course-offering* departments/schools if necessary.

Updated: 6 August 2018

**Suggested BSc(ActuarSc) 4-year Curricular Structure<sup>1</sup>**  
(for students admitted in 2018 or thereafter)

| Year  | One  |  | Two   |  | Three  |  | Four  |     |
|---|--|--|---|--|--|--|---|-----|
| Semester  | One  | Two  | One   | Two  | One  | Two  | One   | Two |
| <b>Disciplinary Core</b>                        | <b>ECON1210</b><br>Intro microeconomics<br><b>MATH1821</b><br>Math mthd for AS I<br><b>ACCT1101</b><br>Intro to fina account | <b>ECON1220</b><br>Intro macroeconomics<br><b>MATH2822</b><br>Math mthd for AS II<br><b>STAT2901</b><br>Prob & stat: fnd of AS<br><b>STAT2902</b><br>Fina math | <b>COMP1117</b><br>Comp programming<br><b>STAT3901</b><br>Life cont I<br><b>STAT3902</b><br>Stat model<br><b>STAT3905</b><br>Intro to fina deri | <b>STAT3903</b><br>Stchst model<br><b>STAT3904</b><br>Corp fina for AS<br><b>STAT3907</b><br>Linear models & forecst | <b>STAT3906</b><br>Risk theory I<br><b>STAT3910</b><br>Fina econ I | <b>STAT3908</b><br>Cred theory & loss distr<br><b>STAT3909</b><br>Life cont II<br><b>STAT4904</b><br>Stat Learning for Risk Mo | Capstone <sup>5</sup>                             |     |
| <b>Disciplinary Elective<sup>2</sup></b>        |  |  |   |  |  |  | 18 credits of disciplinary electives <sup>5</sup> |     |
| <b>Inter/Intra-Faculty Elective<sup>2</sup></b> |  |  |   |  | 12 credits of inter/intra-fac electives                            |  | 36 credits of inter/intra-fac electives           |     |
| <b>Common Core</b>                              | Common core  | Common core  | Common core   | Common core  | Common core  | Common core  |   |     |
| <b>Language</b>                                 | <b>CAES1000<sup>4</sup></b><br>Core uni Eng  |  | <b>CAES9820</b><br>Acad Eng for sci stu   |  | <b>CSCI9001<sup>3,4</sup></b><br>Pract Chi for sci stu             |  |   |     |
| <b>Credits</b>                                  | 30   | 30   | 30  | 30   | 30   | 30   | 30  | 30  |

**Notes**

- This table is suggested for students' reference only. Students can choose another subclass if the course is also offered in different semesters/time slots. However, students are reminded to check the course pre-requisites when planning their studies ahead, whilst course offering semester and availability are subject to changes every year. Please refer to the Faculty of Science's Student Handbook and Syllabuses & Regulations for more details.
- Students may also choose to take more Disciplinary Electives or inter/intra-faculty electives than the number stipulated above within the allowed course load.
- Putonghua-speaking students can also choose to satisfy the Chinese language enhancement requirement by taking CUND9002 or CUND9003 instead.
- Please refer to the Student Handbook for details about exemption if applicable.
- Lists of Disciplinary Electives (at least 12 credits) and Capstone courses:

Disciplinary Electives

|          |                                       |
|----------|---------------------------------------|
| STAT3911 | Financial economics II                |
| STAT3951 | Further topics in contingencies       |
| STAT3953 | Fundamentals of actuarial practice    |
| STAT3954 | Current topics in actuarial science   |
| STAT3955 | Survival analysis                     |
| STAT3956 | Pension funds and pension mathematics |

|          |  |
|----------|--|
| STAT4607 | Credit risk analysis                       |
| STAT4608 | Market risk analysis                       |
| STAT4901 | Risk theory II                             |
| STAT4902 | Selected topics in actuarial science       |
| STAT4903 | Actuarial techniques for general insurance |

Capstone

|          |  |
|----------|--|
| STAT4711 | Capstone experience for actuarial science undergraduates |
| STAT4767 | Actuarial science internship                             |
| STAT4798 | Statistics and actuarial science project                 |