

**Suggested Order of Study: BSc(QFin) Programme (for 2017-18 intake)**

|    | Year 1  | Year 2  | Year 3                             | Year 4  |
|----|---|---|------------------------------------|---|
|    | <b>1st semester</b>                                   |   |                                    | <p>In Year 4, students shall complete</p> <p>(a) 8 courses in free elective/minor/second major courses and</p> <p>(b) TWO of the following 9 courses, at least one of them must be a capstone course:</p> <ol style="list-style-type: none"> <li>1. FINA3322 Credit risk<sup>^</sup></li> <li>2. FINA3353 Regulatory and operational issues in finance<sup>^</sup></li> <li>3. ECON3283 Economic Forecasting<sup>^</sup> <i>or</i></li> <li>4. STAT4601 Time Series Analysis<sup>^</sup></li> <li>5. MATH3405 Differential Equations<sup>^</sup></li> <li>6. MATH3603 Probability Theory<sup>^</sup> <i>or</i></li> <li>7. STAT3603 Probability Modelling<sup>^</sup></li> <li>8. FINA4341 Quantitative risk mgt (capstone course)</li> <li>9. FINA4354 Financial engineering (capstone course)</li> </ol> <p>Note: The above 9 courses could be offered in semester 1 or 2.</p> <p><sup>^</sup> Can be taken in Year 3 or Year 4</p> |
| 1  | CCxxxxxx Common Core                                  | CCxxxxxx Common Core                                | CCxxxxxx Common Core               |   |
| 2  | CCxxxxxx Common Core                                  | CCxxxxxx Common Core                                | CBBA 9003 Practical Chinese        |   |
| 3  | <b>ACCT 1101 Introduction to fin accounting (FCC)</b> | FINA 2320 Investment and portfolio analysis         | Free Elective/minor/second major   |   |
| 4  | <b>ECON 1210 Introductory microeconomics (FCC)</b>    | <b>STAT 2601 Probability and statistics I (FCC)</b> | Free Elective/minor/second major   |   |
| 5  | MATH 1013 Univ math II                                | FINA 2322 Derivatives                               | Free Elective/minor/second major   |   |
|    | <b>2nd semester</b>                                   |   |                                    |   |
| 6  | CCxxxxxx Common Core                                  | CAES 9920 Academic com for Bus & Econ               | FINA 3350 Mathematical finance     |   |
| 7  | CAES 1000 Core University English                     | COMP 1117 Computer programming                      | FINA 3351 Spreadsheet fin modeling |   |
| 8  | ECON 1220 Introductory macroeconomics                 | FINA 3323 Fixed income securities                   | Free Elective/minor/second major   |   |
| 9  | <b>FINA 1310 Corporate finance (FCC)</b>              | ECON 2280 Introductory econometrics                 | Free Elective/minor/second major   |   |
| 10 | MATH 2014 Multivariable calculus and linear algebra   | Free Elective/minor/second major                    | Free Elective/minor/second major   |   |

**Notation**

|            |                      |
|------------|----------------------|
| <b>FCC</b> | Faculty Core Courses |
|------------|----------------------|

*Note: FINA4341 Quantitative Risk Management is mutually exclusive with FINA3340 Risk Management. QFin students are NOT encouraged to take FINA3340 Risk Management.*

**Credit Allocation**

|                                   | No .of credits |
|-----------------------------------|----------------|
| Common Core*                      | 36             |
| Language                          | 18             |
| Core in QFin                      | 96             |
| Free Electives/minor/second major | 90             |
| <b>Total Credits</b>              | <b>240</b>     |

\* Note: Students must finish 3, 2 and 1 Common Core courses in year 1, year 2 and year 3 respectively.

**Pre- or Co-requisite Structure**

| <b>Course</b> | <b>Year</b> | <b>Pre-requisites</b>   | <b>Co-requisites</b> |
|---------------|-------------|---|----------------------|
| FINA1310      | 1           | ACCT1101  |                      |
| MATH1013      | 1           | Level 2 or above in Module 1, or Module 2 of HKDSE Mathematics or equivalent              |                      |
| MATH2014      | 1           | MATH1013  |                      |
| ECON2280      | 2           | ECON1210 and<br>(ECON1280 or STAT1601 or STAT1602 or<br>STAT1603 or STAT2601 or STAT2901) |                      |
| FINA2320      | 2           | FINA1310 and ECON1210   | STAT2601             |
| FINA2322      | 2           | FINA1310 and ECON1210   |                      |
| FINA3323      | 2           | ECON1210 and<br>(FINA2320 or STAT3609) and<br>(FINA2322 or STAT3905)                      |                      |
| STAT2601      | 2           | MATH2014  |                      |
| FINA3350      | 3           | FINA2320, FINA2322 and<br>(MATH2014 or MATH2211)  |                      |
| FINA3351      | 3           | (FINA2320 or STAT3609) and<br>(COMP1117 or ENGG1111) and<br>FINA2322 and ECON2280         |                      |
| FINA3322      | 3 or 4      | FINA3350  |                      |
| FINA3353      | 3 or 4      | FINA2320 and FINA2322   |                      |
| ECON3283      | 3 or 4      | ECON2280  |                      |
| STAT4601      | 3 or 4      | STAT3600  |                      |
| MATH3405      | 3 or 4      | (MATH2101 and MATH2211) or<br>MATH2014 or<br>(MATH1821 and MATH2822)                      |                      |
| MATH3603      | 3 or 4      | (MATH2101 and MATH2211) or<br>MATH2014 or<br>(MATH1821 and MATH2822)                      |                      |
| STAT3603      | 3 or 4      | STAT2601  |                      |
| FINA4341      | 4           | FINA3350  |                      |
| FINA4354      | 4           | FINA3350 and FINA3351   |                      |

## Important Dates and Reminders

|   |  |  |
|---|--|--|
| <b>Important Dates in August-September 2017</b> | Deadline for CAES1000 Exemption Application  | August 13, 2017 (11:59 p.m.)   |
|   | Deadline for online Faculty Academic Advisers (FAA) sign-up  | August 16, 2017 (11:59 pm)   |
|   | Course selection period  | August 23 (10:00 a.m.) – August 28 (4:00 p.m.), 2017<br>[Suspension period: August 24, 2017 (9:00 a.m. – 2:30 p.m.)]       |
|   | First Day of Teaching  | September 1, 2017  |
|   | Add/Drop Period  | August 31 (10:00 a.m.) – September 13 (4:00 p.m.), 2017<br>[Suspension period: September 1, 2017 (12:00 noon – 5:00 p.m.)] |
| <b>Reminders</b>                                | <ul style="list-style-type: none"> <li>• Students are required to meet with the FAAs at least <i>once every semester</i> in their first year of study.</li> <li>• Sign up for the Faculty Student Academic Advising programme at <a href="https://ugaa.hku.hk/signup-faa.php">https://ugaa.hku.hk/signup-faa.php</a></li> <li>• Visit the one-stop page “Orientation for Freshmen” at: <a href="http://www.fbe.hku.hk/academic-programmes/undergraduate/orientation-for-freshmen">http://www.fbe.hku.hk/academic-programmes/undergraduate/orientation-for-freshmen</a></li> <li>• Warning letters will be issued if your performance in coursework, tutorials/class tests/mid-term examination or attendance in lectures/tutorials is unsatisfactory.</li> </ul> |  |