YOUR ASPIRATION • OUR BUSINESS

Undergraduate Programs Office
HKUST Business School | The Hong Kong University of Science and Technology
(852) 2358 8296 | bmug@ust.hk | undergrad.bm.ust.hk
HKUST BUSINESS SCHOOL

YOUR ASPIRATION • OUR BUSINESS
Dear first year students,

Welcome to UST! I am delighted to welcome you as the newest members of the HKUST Business School community.

Welcome to our University, one of the leading young universities in the world. You represent the future here – a future even more dazzling than the view from our beautiful campus. As you look out at this view over the next few years (don’t forget to look!), I hope you will feel the energy, dynamism, and optimism of a young and vibrant community.

I hope you have the time of your life here at UST. You will hear a lot about “stress and tension”. When you do, just remember that there is much more to life than grades and money. Every person is unique, so explore and have different experiences, and find yourself. Learning from your classes is important, but learning about yourself is far more important. This is the place to do it. Don’t be afraid of mistakes and failure – no one learns without failing, so just try not to make the same mistake twice!

Over time, I hope you come to feel a growing sense of pride. Pride at belonging to this community, for sure, but more importantly, pride at the giant steps that you will surely be taking as you progress through your time at UST.

This first year, you will be taking the first few steps. As you do so, I hope that this logbook will help you locate useful information and understand and navigate the curriculum requirements. Most importantly, remember we are a community and your Academic Affairs & Advising Counselors (“AAACs”), faculty advisors, and peer mentors are all here to help. Whenever you have questions, just reach out and ask!

Most of all, I hope you make many vivid and distinct memories. Have fun!

Professor Anirban Mukhopadhyay
Associate Dean of Undergraduate Studies
ACADEMIC INTEGRITY

The University is a community designed for scholarship - for learning, teaching and research. In a community of scholars, academic integrity and honesty are critical values.

Exams, homework, papers and other kinds of assessments are essential to the learning process. Honesty and integrity are central to academic work. Because of this, you are committed as a student to an Academic Honor Code.

As set out in the Academic Honor Code:

You must observe and uphold the highest standards of academic integrity and honesty in all the work you do throughout your program of study.

As members of the University community, you have the responsibility to help maintain the academic reputation of HKUST in its academic endeavors.

Sanctions will be imposed if you are found to have violated the regulations governing academic integrity and honesty.

Academic misconduct includes, but is not limited to:

Cheating: conduct designed to mislead those responsible for making a judgment on a student's academic performance or standing, including:

i. Unauthorized access to, conveyance of or receipt of examination or test questions
ii. The giving, receiving or utilizing of unauthorized information or assistance in completing an assignment, test or examination
iii. Breaches of the Rules for the Conduct of Examinations
iv. Impersonating another student or allowing oneself to be impersonated by another student in participating in a test or examination
v. Submission of academic work containing purported statements of fact or references to sources and/or data that have been fabricated or falsified
vi. Presenting for credit work that has already been accepted for credit in another course
vii. Submission of fraudulent documents and/or information in relation to a student's academic performance or standing (e.g. fraudulent medical certificates to support requests to be excused from attendance or to be granted a make-up examination; fraudulent certificates or transcripts in support of applications for credit transfer or course exemption)

Plagiarism: the presentation of work which originates from other sources, including the work of other students, as the student's own work, without appropriate attribution to the source.

Refer to http://ugadmin.ust.hk/integrity/index.html for details.
SBM INTENDED LEARNING OUTCOMES

By graduation, students will...

Be effective users of information technology and sources of information in business applications

Be critical and creative thinkers who make effective decisions supported by appropriate analytical techniques

Be effective communicators in oral and written English for general business applications

Have broad understanding of the core business functions and integrate these functions to solve business problems

Be effective team leaders and members

Have in-depth grasp of their business major

Understand their professional and ethical responsibility

Be effective in multi-cultural and international settings

Be effective in multi-cultural and international settings
**ADVISING FOR NEW STUDENTS**

**Academic Affairs and Advising Counselors (AAAC)**

**Advising by Appointment**

At SBM, every new student is assigned an AAAC who can address your questions or connect you to different resources from the University.

Students are strongly encouraged to make a 30-minute appointment with designated AAAC to discuss academic and personal development related matters.

Students may refer to the SIS (Student Information System) for the information of your pre-assigned AAAC. If you have inquiries, please email our General Inquiries email: bmug@ust.hk.

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**UG Faculty Advisors (UGFA)**

For program related questions such as course information and career prospects, students may consult the relevant UG Faculty Advisors as listed below:

<table>
<thead>
<tr>
<th>Program</th>
<th>Name</th>
<th>Email (@ust.hk)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBA (Professional Accounting)</td>
<td>Dr. Terry Kwok</td>
<td>acck</td>
</tr>
<tr>
<td></td>
<td>Dr. Kelvin Mak*</td>
<td>acmak</td>
</tr>
<tr>
<td>BBA (Economics)</td>
<td>Prof. Siu Fai Leung</td>
<td>sfleung</td>
</tr>
<tr>
<td></td>
<td>Prof. Kam Wing Siu*</td>
<td>eckwsiu</td>
</tr>
<tr>
<td>BBA (Finance)</td>
<td>Prof. Lynn Pi</td>
<td>lynnpi</td>
</tr>
<tr>
<td></td>
<td>Prof. Ekkachai Saenysa*</td>
<td>esaenysa@</td>
</tr>
<tr>
<td>BBA (General Business Management)</td>
<td>Prof. Anirban Mukhopadhyay</td>
<td>mkmukhop</td>
</tr>
<tr>
<td>BBA (Global Business)</td>
<td>Prof. Paul Forster</td>
<td>pforster</td>
</tr>
<tr>
<td></td>
<td>Prof. Emily Nason*</td>
<td>enason</td>
</tr>
<tr>
<td>BBA (Information Systems)</td>
<td>Prof. Percy Dias*</td>
<td>percy</td>
</tr>
<tr>
<td></td>
<td>Prof. James Kwok</td>
<td>jkwok</td>
</tr>
<tr>
<td>BBA (Management)</td>
<td>Prof. Mark Mihorean*</td>
<td>markmi</td>
</tr>
<tr>
<td></td>
<td>Prof. Stephen Nason</td>
<td>mmnason</td>
</tr>
<tr>
<td>BBA (Marketing)</td>
<td>Prof. Ralf van der Lans*</td>
<td>rlans</td>
</tr>
<tr>
<td></td>
<td>Prof. Joseph Salvacruz</td>
<td>mkjs</td>
</tr>
<tr>
<td>BBA (Operations Management)</td>
<td>Prof. Ki Ling Cheung</td>
<td>imcheung</td>
</tr>
<tr>
<td></td>
<td>Prof. Ronald Lau*</td>
<td>rla@</td>
</tr>
<tr>
<td>BSc (Economics &amp; Finance)</td>
<td>Prof. Siu Fai Leung</td>
<td>sfleung</td>
</tr>
<tr>
<td></td>
<td>Prof. Kam Wing Siu*</td>
<td>eckwsiu</td>
</tr>
<tr>
<td>BSc (Quantitative Finance)</td>
<td>Prof. Veronique Lafon-Vinais</td>
<td>vlaon</td>
</tr>
<tr>
<td></td>
<td>Prof. Ekkachai Saenysa*</td>
<td>esaenysa@</td>
</tr>
</tbody>
</table>

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**Contact information of our Academic Affairs and Advising Counselors (AAAC):**

<table>
<thead>
<tr>
<th>Session*</th>
<th>Name</th>
<th>Phone Number</th>
<th>Email (@ust.hk)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA01</td>
<td>Mr. Forrest Kam</td>
<td>2358-6073</td>
<td>bmforrest@</td>
</tr>
<tr>
<td>LA02</td>
<td>Ms. Bowie Yu</td>
<td>2358-8296</td>
<td>bmbowie@</td>
</tr>
<tr>
<td>LA03</td>
<td>Ms. Isabella Fu</td>
<td>2358-7536</td>
<td>bmsfu@</td>
</tr>
<tr>
<td>LA04</td>
<td>Mr. Samson Chui</td>
<td>3469-2128</td>
<td>bmschui@</td>
</tr>
<tr>
<td>LA05</td>
<td>Ms. Maggie Yim</td>
<td>2358-6900</td>
<td>maggieyim@</td>
</tr>
<tr>
<td>LA06</td>
<td>Ms. Wendy Cheung</td>
<td>2358-8047</td>
<td>bmwendy@</td>
</tr>
</tbody>
</table>

*SBMT 1111 Session

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**Programs Jointly Offered by School of Business and Management and School of Science**

- BSc (Biotechnology and Business)  
  - Prof. Ellick Wong*  
  - Prof. Yung Hou Wong  
  - mnewong@  
  - boyung@

- BSc (Mathematics & Economics)  
  - Prof. Yue Kuen Kwok  
  - Prof. Amber Li*  
  - maykwok@  
  - yaoli@

**Programs Jointly Offered by School of Business and Management, School of Engineering and School of Science**

- BSc (Risk Management and Business Intelligence)  
  - Dr. Jiying Wang*  
  - jeanwang@
Faculty Mentors (FM)

Students may sign up voluntarily for a FM to be assigned in the 2nd and 3rd terms based on potential major interest and/or common nationality. FM can share with students their personal experience and help students set goals and develop interest.

Peer Mentors (PM)

Our peer mentors are respectful, reliable, patient and trustworthy. They are good listeners and communicators. Every new student will have a designated peer mentor. They help you discover your inner potential and succeed in both HKUST and life.

Specialized Advising

Certain types of areas have dedicated advisors such as the exchange program, career counseling, minor programs, etc. Refer to our UG Programs website for details:

http://undergrad.bm.ust.hk/academics/academic-advising/student-advising-system

THE SBM CURRICULUM

For more information on the study pathways of different majors, please visit:

http://prog-crs.ust.hk/ugprog/pathways.html

33-46 CREDITS
Business Core

20-50 CREDITS
Business Major

36 CREDITS
University Common Core

0-19 CREDITS
Free Electives or Additional Major or Minor

The 120-credit structure

The credit structures of BSc in BIBU, MAEC & RMBI are different from above. Please refer to P.34-35, P.37-38 & P.41-42 of this logbook or the relevant sections of the online program catalog for details:

http://prog-crs.ust.hk/ugprog
In the first two years of your study, you will mostly take University Common Core and Business Core Courses.

### University Common Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities (H)</td>
<td>3</td>
</tr>
<tr>
<td>Social Analysis (SA)</td>
<td>3</td>
</tr>
<tr>
<td>Science and Technology (S&amp;T)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities - School Sponsored Course (H-SSC)</td>
<td>3</td>
</tr>
<tr>
<td>Social Analysis - School Sponsored Course (SA-SSC)</td>
<td>3</td>
</tr>
<tr>
<td>Science and Technology - School Sponsored Course (S&amp;T-SSC)</td>
<td>3</td>
</tr>
<tr>
<td>Chinese Communication (C-Comm)</td>
<td>3</td>
</tr>
<tr>
<td>English Communication (E-Comm-LANG 1002 &amp; LANG 1003)*</td>
<td>6</td>
</tr>
<tr>
<td>Quantitative Reasoning (QR)</td>
<td>3</td>
</tr>
<tr>
<td>Core Electives in H, SA, S&amp;T, QR or Arts</td>
<td>6</td>
</tr>
<tr>
<td>Healthy Lifestyle (HLTH 1010)*</td>
<td>0</td>
</tr>
<tr>
<td><strong>Subtotal Credits:</strong></td>
<td><strong>36</strong></td>
</tr>
</tbody>
</table>

* *Must be taken in the first year of study*

**DO NOT ENROLL** in SOSC 1440 [Introduction to Economics], COMP 1001 [Exploring Multimedia and Internet Computing] and COMP 1021 [Introduction to Computer Science]. These three courses are exclusions to required Business Core courses ECON 2103 / 2113 / 2123, ISOM 2010 and ISOM 2020 respectively.

### Business Core (For all SBM students, excluding RMBI students)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Accounting I (ACCT 2010)</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Microeconomics / Microeconomics (ECON 2103 / 2113)</td>
<td>3</td>
</tr>
<tr>
<td>Macroeconomics / Macroeconomic Theory I (ECON 2123 / 3123)</td>
<td>3</td>
</tr>
<tr>
<td>[ECOF students take ECON 3123]</td>
<td></td>
</tr>
<tr>
<td>Financial Management (FINA 2303)</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Information Systems (ISOM 2100)</td>
<td>3</td>
</tr>
<tr>
<td>Coding for Business (ISOM 2020)</td>
<td>1</td>
</tr>
<tr>
<td>Business Statistics (ISOM 2500)</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business Analytics (ISOM 2600)</td>
<td>1</td>
</tr>
<tr>
<td>Business Case Analyses (LABU 2040)</td>
<td>3</td>
</tr>
<tr>
<td>Effective Communication in Business (LABU 2060)</td>
<td>3</td>
</tr>
<tr>
<td>Business Ethics and the Individual (MGMT 2110)</td>
<td>2</td>
</tr>
<tr>
<td>Business Ethics and Social Responsibility (MGMT 2120)</td>
<td>2</td>
</tr>
<tr>
<td>Business Student Induction (SBMT 1111)</td>
<td>0</td>
</tr>
<tr>
<td>Calculus and Linear Algebra / Calculus IA / Calculus IB / Accelerated Calculus / Honors Calculus I (MATH 1003 / 1012 / 1013 / 1020* / 1023)</td>
<td>3-4</td>
</tr>
<tr>
<td>[Students who wish to pursue QFIN must take MATH 1012 / 1013 / 1020 / 1023]</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal Credits:</strong></td>
<td><strong>33-34</strong></td>
</tr>
</tbody>
</table>

*Only applicable to students with credit transfer in Mathematics.*

### Business Core (For BBA students only)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principle of Accounting II (ACCT 2200)</td>
<td>3</td>
</tr>
<tr>
<td>Operations Management (ISOM 2700)</td>
<td>3</td>
</tr>
<tr>
<td>Marketing Management (MARK 2120)</td>
<td>3</td>
</tr>
<tr>
<td>Organizational Behavior (MGMT 2110)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Subtotal Credits:</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>
**ADDITIONAL NOTES**

**Microeconomics:**
Students admitted through JUPAS are required to take one of the microeconomics courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2103</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2113</td>
<td>3</td>
</tr>
</tbody>
</table>

- Students without Economics background or DSE Economics with score 2 or below
- Students with score 3 or above in DSE Economics

**Calculus:**
Students admitted through JUPAS are required to take one of the mathematics courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1003</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1013</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1023</td>
<td>3</td>
</tr>
</tbody>
</table>

- Students with DSE Mathematics and/or M1/2 with score 2 or below
- Students with DSE Mathematics M1/2 with score 3 or above
- Students not meeting the requirement but would like to take this course should consult Department of Mathematics

If you hold other qualifications in Economics or Mathematics before admission, please consult your AAAC about which course you should be enrolled in, or visit the websites below for information:

- [http://undergrad.bm.ust.hk/academics/academic-planning/curriculum-overview](http://undergrad.bm.ust.hk/academics/academic-planning/curriculum-overview)
- [https://crtran.ust.hk](https://crtran.ust.hk)

**STUDY PATHWAYS**

Based on pre-admission qualifications, the majority of students will follow one of the following two pathways and be pre-enrolled in Business Core courses (except LABU).

Pathway 2 is for students with strong Math background and those interested in BSc and IPO programs. Those admitted to these programs will follow their major study pathways starting from the 3rd term.

**PATHWAY 1**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall (1st Term)</strong></td>
<td><strong>Spring (2nd Term)</strong></td>
</tr>
<tr>
<td>Courses</td>
<td>Credit(s)</td>
</tr>
<tr>
<td>ECON 2113 or Common Core</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2010</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1003 / 1013</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2010</td>
<td>2</td>
</tr>
<tr>
<td>LANG 1002</td>
<td>3</td>
</tr>
<tr>
<td>SBMT 1111</td>
<td>0</td>
</tr>
<tr>
<td>HLTH 1010</td>
<td>0</td>
</tr>
</tbody>
</table>

**Total** | 14 | **Total** | 15 | **Total** | 17
Note 1: For Senior Year Entry or Direct Entry students with credit transfer in English and Mathematics and at least 15 transferred credits in total, the study pathway may be different. Please contact AAAC for advice.

Note 2: Students will be required to register for the Common Core Courses, LABU 2040, LABU 2060 and MGMT 2130 (normally taken in Year 3).

Note 3: Majority of students select their majors at the end of the 3rd term. In the 4th term, students will be pre-enrolled in ACCT 2200 and ECON 2123 (if not taken in the 3rd term) and will follow their major study pathway for the 4th term.

Note 4: For program based admitted RMBI students, they will follow their own study pathway.

Note 5: ACCT 2200, ISOM 2700, MARK 2120 and MGMT 2110 are required for BBA Programs only.

### MAJOR SELECTION EXERCISE (MSE)

Students are able to choose major as long as they meet the requirements of the respective programs. Major Selection Exercise (MSE), namely Fall MSE and Spring MSE, are conducted at the end of Fall and Spring respectively.

#### Programs Available for Selection*

**Offered by School of Business and Management (SBM)**

- BBA in Professional Accounting (ACCT)
- BBA in Economics (ECON)
- BBA in Finance (FINA)
- BBA in General Business Management (GBM)
- BBA in Global Business (GBUS)
- BBA in Information Systems (IS)
- BBA in Marketing (MARK)
- BBA in Management (MGMT)
- BBA in Operations Management (OM)
- BSc in Economics and Finance (ECOF)
- BSc in Quantitative Finance (QFIN)

**Jointly Offered by SBM and School of Science (SSCI)**

- BSc in Biotechnology and Business (BIBU)
- BSc in Mathematics and Economics (MAEC)

**Jointly Offered by SBM, School of Engineering (SENG) and School of Science (SSCI)**

- BSc in Risk Management and Business Intelligence (RMIB)

**Offered by Interdisciplinary Programs Office (IPO)**

- BSc in Environmental Management and Technology (EVMT)
- Dual Degree Program in Technology and Management (DDP)

* The above programs are available for selection in both Fall & Spring terms, except BIBU, MAEC & DDP which can only be chosen in Year 1 Spring. Individualized Interdisciplinary Major Program (IIM) from IPO is not offered in MSE.

## Eligibility for Joining Major Selection Exercise

### Major Selection Exercise Program Requirements

<table>
<thead>
<tr>
<th>Major</th>
<th>Eligibility</th>
</tr>
</thead>
</table>
| ECDF  | Completion of:  
1. at least 29 credits, including transferred credits upon admission |
| GBUS  |  |
| GFIN  |  |
| RMBI  |  |
| ACCT  | Completion of:  
1. at least 5 out of 7 major foundation courses; and  
2. at least 43 credits, including transferred credits upon admission |
| ECON  |  |
| FINA  |  |
| GBM   |  |
| IS    |  |
| MARK  |  |
| MGMT  |  |
| OM    |  |
| BIBU  | Completion of:  
1. CHEM 1004 (or attainment of Level 3 or above in HKDSE 1 / 2x or 1x Chemistry); and  
2. LIFS 1901 (or attainment of Level 3 or above in HKDSE 1x Biology); and  
3. LIFS 1902 |

### Major Selection Exercise Program Requirements

<table>
<thead>
<tr>
<th>Major</th>
<th>Program Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECDF</td>
<td>CGA 3.0 or above; B- or above in any MATH course; C+ or above in LANG 1002 and 1003</td>
</tr>
<tr>
<td>GBUS</td>
<td>CGA 3.0 or above; C+ or above in any MATH course; B- or above in LANG 1002 and 1003</td>
</tr>
<tr>
<td>GFIN</td>
<td>CGA 3.0 or above; B- or above in MATH 1012 / 1013 / 1020 / 1023; C+ or above in LANG 1002 and 1003</td>
</tr>
<tr>
<td>ACCT</td>
<td>C+ or above in ACCT 2010</td>
</tr>
</tbody>
</table>
| ECON  | C+ or above in ECON 2103 / 2113 or ECON 2123  
(Note: C- or below in any of ECON 2103 / 2113 / 2123 will not be considered) |
| FINA  | C+ or above in FINA 2303 |
| IS    | C+ or above in ISOM 2010 |
| MARK  | C+ or above in MARK 2120 |
| MGMT  | C+ or above in MGMT 2110 |
| OM    | C+ or above in ISOM 2700 |
| BIBU  | CGA 3.0 or above; C+ or above in LANG 1002 and 1003 |
| MAEC  | CGA 3.0 or above; B- or above in MATH 1012 / 1013 / 1020 / 1023; C+ or above in LANG 1002 and 1003 |
| RMBI  | B- or above in MATH 1012 / 1013 / 1020 / 1023 preferred; C+ or above in LANG 1002 & 1003 preferred |

**Note:** The 7 major foundation courses are ACCT 2010, ECON 2103 / 2113 / 2123, FINA 2303, ISOM 2010, ISOM 2700, MARK 2120 and MGMT 2110.

Please refer to the following website for updated information:
http://undergrad.bm.ust.hk/academics/academic-planning/major-selections/major-selection

**Note:** Credits transferred for the above required courses are considered meeting the requirements.
**Additional Major:**

Choosing an additional major is optional (GBM students are not allowed to apply for an additional major). As long as students with BBA major meet the eligibility and program requirements, they can choose other BBA programs as their additional major at the end of Year 2 Spring term.

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### Ranking Criteria & Quota

<table>
<thead>
<tr>
<th>Major</th>
<th>Ranking Criteria</th>
<th>Indicative Quota for 2019-20 Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECOF</td>
<td>Holistic assessment based on CGA, selected course performance, CV profile and interview performance</td>
<td>55</td>
</tr>
<tr>
<td>GBUS</td>
<td>Holistic assessment based on CGA, selected course performance, CV profile, personal statement and interview performance</td>
<td>55</td>
</tr>
<tr>
<td>QFIN</td>
<td>Holistic assessment based on CGA, selected course performance, CV profile, personal statement and interview performance</td>
<td>40</td>
</tr>
<tr>
<td>ACCT</td>
<td>ACCT 2100, then BCGA</td>
<td>200</td>
</tr>
<tr>
<td>ECON</td>
<td>Holistic assessment based on ECON 2103 / 2113, ECON 2123 (if taken), BCGA, selected course performance and CV profile</td>
<td>100</td>
</tr>
<tr>
<td>FINA</td>
<td>FINA 2303, then BCGA</td>
<td>130</td>
</tr>
<tr>
<td>GBM</td>
<td>-</td>
<td>180</td>
</tr>
<tr>
<td>IS</td>
<td>ISOM 2010, then BCGA</td>
<td>180</td>
</tr>
<tr>
<td>MARK</td>
<td>MARK 2110, then BCGA</td>
<td>190</td>
</tr>
<tr>
<td>MGMT</td>
<td>MGMT 2110, then BCGA</td>
<td>205</td>
</tr>
<tr>
<td>OM</td>
<td>ISOM 2700, then BCGA</td>
<td>140</td>
</tr>
<tr>
<td>BIBU</td>
<td>Holistic assessment based on CGA, CV profile and personal statement (interview may be required)</td>
<td>64</td>
</tr>
<tr>
<td>MAEC</td>
<td>Holistic assessment based on CGA, selected course performance, CV profile (interview may be required)</td>
<td>38</td>
</tr>
<tr>
<td>RMBI</td>
<td>Holistic assessment based on pre-admission exam result, CGA, selected course performance, CV profile and interview performance</td>
<td>45</td>
</tr>
</tbody>
</table>

Notes:
1. BCGA includes the following courses: ACCT 2100, ECON 2103 / 2113, ECON 2123, FINA 2303, ISOM 2010, ISOM 2020, ISOM 2500, ISOM 2600, ISOM 2700, MARK 2120, MGMT 2110 and MGMT 2110.
2. Credits transferred for the corresponding required courses are considered meeting the requirements.
3. Students without the corresponding major foundation course grade at HKUST will be assessed based on BCGA, selected course performance and CV profile, in some situation written exam, interview and personal statement may be required. Please see the below details specifically for ECOF and FINA programs:
   i. ECOF: There may be MATH test for selected group of students who apply for ECOF program and do not have MATH grade in HKUST.
   ii. FINA: For students with credit transfer for FINA 2303, a holistic assessment based on written exam, BCGA, selected course performance, CV, personal statement and interview performance.
4. In Fall MSE, students in the first term of study who have taken LANG 1002 only may be considered by ECOF, QFIN & RMBI.

Please refer to the website for updated information:

http://undergrad.bm.ust.hk/academics/academic-planning/major-selections/major-selection

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### Major Selection Exercise

#### Timeline (2019/20)

<table>
<thead>
<tr>
<th>Application period</th>
<th>Fall 2019 MSE</th>
<th>Spring 2020 MSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interview (if required by programs)</td>
<td>December 2019 - Early January 2020</td>
<td>April 2020</td>
</tr>
<tr>
<td>Re-prioritization of major choices after grade release</td>
<td>Not applicable</td>
<td>Early June 2020 after grade release</td>
</tr>
<tr>
<td>Result announcements</td>
<td>Mid to late January 2020</td>
<td>Late June 2020</td>
</tr>
</tbody>
</table>

(a) All students, whether admitted through School-based (SBA) or Program-based (PBA) Admission, can join MSE to declare or change their major. Once they have received a major offer, they cannot join MSE again.

(b) PBA students must give up their major quota when joining MSE. If no offer is received, they will be placed in the Business and Management Program and can join MSE again to choose a major in subsequent term(s) until the end of the 3rd term where they will be assigned General Business Management Program, GBM if there is still no offer.

(c) Senior year entry students (e.g. admitted through local Associate Degree or Higher Diploma) or PBA students admitted to ECOF and QFIN can join MSE in the first two terms.

(d) SBA students or PBA students admitted to BBA programs can join MSE in the first three terms.

(e) Students will be assigned GBM if they do not have a major by two terms for senior year entry students or by three terms for all other students.

(f) First year students from BIBU, MAEC, RMBI and IPO programs are allowed to opt out of their programs before the end of the Winter term and join SBM for major selection in Spring term only.

### Additional Major:

Choosing an additional major is optional (GBM students are not allowed to apply for an additional major). As long as students with BBA major meet the eligibility and program requirements, they can choose other BBA programs as their additional major at the end of Year 2 Spring term.
**MAJOR PROGRAMS**

**BBA in Professional Accounting**

**Required Courses (number of credits):**
- ACCT 3010 Financial Accounting I (3)
- ACCT 3020 Financial Accounting II (3)
- ACCT 3210 Advanced Management Accounting (3)
- ACCT 3610 Business Law (3)
- ACCT 3880 Professional Excellence Program (1)
- ACCT 4010 Advanced Financial Accounting (3)
- ACCT 4110 Taxation (3)
- ACCT 4510 Auditing (3)
- ACCT 4610 Company Law (3)
- MGMT 4210 Corporate Strategy (3)

**Electives (number of credits):**
Any 3 courses of the subject and level as specified

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**BBA in Economics**

**Required Courses (number of credits):**
- ECON 3014 Managerial Microeconomics (4)
- ECON 3024 Managerial Macroeconomics (4)
- ECON 3334 Introduction to Econometrics (4)
- ECON 4670 Economics Research and Communication (0)

**Electives (number of credits):**
- ECON 4000-level Electives (11)
Any 3 courses of the subject and level as specified
### BBA in Finance

**Required Courses (number of credits):**
- FINA 3001 Key Skills for Finance Professionals (A) (1)
- FINA 3011 Key Skills for Finance Professionals (B) (1)
- FINA 3103 Intermediate Investments (3)
- FINA 3203 Derivative Securities (3)
- FINA 3303 Intermediate Corporate Finance (3)
- FINA 3810 Bloomberg Market Concepts Certification (0)

(ACCT 3010 AND ACCT 3020) OR ACCT 3030 (3 – 6)
- ACCT 3010 Financial Accounting I (3)
- ACCT 3020 Financial Accounting II (3)
- ACCT 3030 Intermediate Financial Accounting for Non-Accounting Majors (3)

ISOM 3230 OR ISOM 3400 OR COMP 1022Q (3)
- ISOM 3230 Business Applications Programming (3)
- ISOM 3400 Python Programming for Business Analytics (3)
- COMP 1022Q Introduction to Computing with Excel VBA (3)

**Electives (number of credits):**
- FINA 3000-level or above Electives (9)
  - Any 3 courses of the subject and level as specified

### BBA in General Business Management

**Required Courses (number of credits):**
- None

**Electives (number of credits):**
- SB&M Electives (29)
  - Any 9 courses offered by the departments under SB&M, of which at least 4 courses are of 3000-level or above
BBA in Global Business

Required Courses (number of credits):
- GBUS 1000 Global Leadership Development (0)
- GBUS 2010 Global Business Analysis (3)
- GBUS 2020 Public Service Project (1)
- GBUS 3010 Global Perspectives on Contemporary Issues (3)
- GBUS 3030 OR GBUS 3040 OR GBUS 3050 (3-4)
  - GBUS 3030 Global Business Case Studies (4)
  - GBUS 3040 Doing Business in Asia and Emerging Markets (3)
  - GBUS 3050 Deal Making in Asia and Emerging Markets (3)
- GBUS 4910 Capstone Project (4)

Electives (number of credits):
- Global Business Electives (6-8) - (2 courses from the specified elective list, of which at least one course must be offered by the GBUS program)
  - GBUS All GBUS elective courses
  - ACCT 3610 Business Law (3)
  - ECON 4384 Globalization: Trade, Investment and Exchange Rate (4)
  - ENTR 3010 Structured Mentoring: Inspiring Leadership (3)
  - ENTR 3020 Identifying Innovation Opportunities (3)
  - ISOM 4020 Innovation Management and Technology Entrepreneurship (3)
  - MARK 3430 Global Marketing (4)
  - MARK 4450 Brand Management (4)
  - MGMT 3140 Negotiation (4)
  - MGMT 4220 Entrepreneurship and Small Business Studies (4)
  - MGMT 4230 International Management (4)
  - MGMT 4240 Strategic Management in China (4)
  - MGMT 5730 Social Entrepreneurship and Venture Philanthropy (3)

Foreign Language Elective (3) - (1 course from the specified elective list)*
- LANG 1210 Japanese Language and Related Culture (3)
- LANG 1220 Arabic: a key to the Middle East (3)
- LANG 1310 French: World Language and Culture (3)
- LANG 1320 German in the World of Science and Technology (3)
- LANG 1330 Spanish and the Other America (3)
- LANG 1410 Latin and the Legacy of the Roman World (3)

* Subject to approval of the program office, students may use transferred credits on a foreign language course taken while on exchange to fulfill this requirement. Students with non-Chinese language background may consult the program office for the use of Chinese language course to fulfill this requirement.

Others:
- One regular term of study abroad
- Courses taken to fulfill requirements of an additional major in SBM may not be counted towards GBUS elective requirement.
Required Courses (number of credits):
ISOM 3210  Information Systems Analysis and Design (3)
ISOM 3260  Database Design and Administration (4)
ISOM 3230 OR ISOM 3320 OR ISOM 3400 (3-4)*:
   ISOM 3230  Business Applications Programming (3)
   ISOM 3320  Internet Applications Development (4)
   ISOM 3400  Python Programming for Business Analytics (3)
* Student who have taken COMP 1022Q should take ISOM 3320 or ISOM 3400; students who have taken COMP 1022P should take ISOM 3230 or ISOM 3400; students who have taken COMP 1021 should take ISOM 3230 or ISOM 3320 to fulfill the IS program requirements.

Electives (number of credits):
IS Electives (10)
Any 3 ISOM courses totaling 10 credits coded between 3000 and 3499; 4000 and 4499. For students who have taken the 6-credit course ISOM 4400 to fulfill the IS elective requirement, the minimum number of courses for this requirement may be reduced by one.
Courses taken as Option Required Courses may not be counted towards the IS elective requirement.
BBA in Marketing

Required Courses (number of credits):
- MARK 3220  Marketing Research (4)
- MARK 3420  Consumer Behavior (4)
- MARK 4210  Strategic Marketing (4)

Electives (number of credits):
- MARK Electives (12)
- MARK 3000-level or above Electives
  Any 3 courses of the subject and level as specified

BBA in Management

Required Courses (number of credits):
- MGMT 3110 OR MGMT 3120 (4):
  - MGMT 3110  Human Resources Management (4)
  - MGMT 3120  Managerial Leadership (4)
- MGMT 3130 OR MGMT 3140 (4):
  - MGMT 3130  Judgement and Decision Making in Organizations (4)
  - MGMT 3140  Negotiation (4)
- MGMT 4210 OR MGMT 4220 (3-4):
  - MGMT 4210  Corporate Strategy (3)
  - MGMT 4220  Entrepreneurship and Small Business Studies (4)

Notes:
1. Students in the Consulting Option should take MGMT 3120, MGMT 3140 and MGMT 4210.
2. Students in the Corporate Social Responsibility and Sustainability Option should take MGMT 4210.

Electives (number of credits):
- MGMT Electives (9)
- MGMT 3000-level or above Electives
  Any 3 courses of the subject and level as specified
  Courses taken as Option Required Courses may not be counted towards the elective requirement.
BBA in Management

Students may opt to graduate with or without an option.

Students who take an option MUST complete all requirements specified in addition to the major requirements.

Consulting Option:
Required Courses (number of credits):
MGMT 3110 OR MGMT 3160 OR MGMT 4230 (3-4):
  MGMT 3110 Human Resources Management (4)
  MGMT 3160 Environmental Business Strategies (3)
  MGMT 4230 International Management (4)
MGMT 4250 Management Consulting (3)

Courses used to fulfill the requirements of another option under MGMT cannot be reused to count towards this Option.

Corporate Social Responsibility and Sustainability Option:
Required Courses (number of credits):
MGMT 3160 Environmental Business Strategies (3)
MGMT 3170 Managing CSR (Corporate Social Responsibility) (3)

Courses used to fulfill the requirements of another option under MGMT cannot be reused to count towards this Option.

BBA in Operations Management

Required Courses (number of credits):
ISOM 3710 Business Modeling and Optimization (4)
ISOM 3770 Global Supply Chain Management (4)

Electives (number of credits):
OM Electives (12)
Any 4 ISOM courses coded between 3500 and 3999; 4500 and 4999

Students may opt to graduate with or without an option.

Students who take an option MUST complete all requirements specified in addition to the major requirements.

Business Analytics Option:
Required Courses (number of credits):
ISOM 3360 Data Mining for Business Analytics (3)
ISOM 3900 Decision Analytics (3)

Note: Students taking the Business Analytics Option can only use courses in the Option specified elective list to fulfill this requirement.
BSc in Biotechnology and Business

Required Courses (numbers of credits):

- **BIBU 1010** Biotechnology and Business Seminar (1)
- **BIBU 4820** Biotechnology Entrepreneurship and Business Operations (3)
- **BIBU 4830** Biotechnology Management (3)
- **BIBU 4840 or BIBU 4850** (3-6):
  - **BIBU 4840** Biotechnology and Business Capstone Project (3)
  - **BIBU 4850** Biotechnology and Business Project Research (6)
- **LIFS 1901** General Biology I (3)*
- **LIFS 1902** General Biology II (3)
- **LIFS 2040** Cell Biology (3)
- **LIFS 2070** Introduction to Biotechnology (3)
- **LIFS 2210** Biochemistry I (3)
- **LIFS 3110** Biotechnological Application of Recombinant DNA Techniques (3)
- **LIFS 4150 or LIFS 4360** (3):
  - **LIFS 4150** Plant Biotechnology (3)
  - **LIFS 4360** Aquaculture Biotechnology (3)
- **CHEM 1004** Chemistry in Everyday Life (3)**
- **CHEM 1010 or CHEM 1020** (3):
  - **CHEM 1010** General Chemistry I A (3)
  - **CHEM 1020** General Chemistry IB (3)
- **ACCT 2200** Principles of Accounting I (3)
- **ECON 2103 or ECON 2113** (3):
  - **ECON 2103** Principles of Microeconomics (3)
  - **ECON 2113** Microeconomics (3)
- **FINA 2203** Fundamentals of Business Finance (3)
- **ISOM 2010 or COMP 1001** (3):
  - **ISOM 2010** Introduction to Information Systems (3)
  - **COMP 1001** Exploring Multimedia and Internet Computing (3)
- **ISOM 2500** Business Statistics (3)
- **ISOM 2700** Operations Management (3)
- **MARK 2120** Marketing Management (3)
- **MGMT 2110** Organizational Behavior (3)
- **MGMT 2130** Business Ethics and Social Responsibility (2)

* Students with level 3 or above in HKDSE 1x Biology are exempted from taking LIFS 1901.

** Students with level 3 or above in HKDSE 1/2x or 1x Chemistry are exempted from taking CHEM 1004.

Elective (number of credits):

Biotechnology and Business Electives (9)

Courses from the specified elective list, of which at least 3 credits from each area in Biotechnology/ Business:

Biotechnology

- **LIFS 3060** Microbiology (3)
- **LIFS 3140** General Genetics (4)
- **LIFS 3260** Microbiology Laboratory (3)
- **LIFS 3370** Human Genetics in Practice (3)
- **LIFS 4140** Cancer Biology (3)
- **LIFS 4370** Human Genetics and Personalized Medicine (3)
- **LIFS 4380** Pharmacology and Toxicology (3)
- **LIFS 4550** Biochemistry of Nutrition (3)
- **LIFS 4630** Advanced Topics in Biotechnology (3)
- **LIFS 4760** Biochemistry of Diseases (3)
- **BTEC 5340** Biomarkers and Medical Devices (3)
- **BTEC 5380** Drug Discovery and Development (3)
- **CHEM 2110** Organic Chemistry I (3)
- **CHEM 2155** Fundamental Organic Chemistry Laboratory (1)
- **CHEM 2311** Analytical Chemistry (3)
- **CHEM 2355** Fundamental Analytical Chemistry Laboratory (1)

Business

- **ECON 3014** Managerial Microeconomics (4)
- **ECON 3024** Managerial Macroeconomics (4)
- **FINA 4103** Financial Markets Trading and Structure (3)
- **ISOM 3310** e-Business Management and Web Analytics (3)
- **ISOM 3360** Data Mining for Business Analytics (3)
- **ISOM 3710** Business Modeling and Optimization (4)
- **ISOM 4920** Innovation Management and Technology Entrepreneurship (3)
- **ISOM 4750** Business Project Management (3)
- **MARK 3220** Marketing Research (4)
- **MARK 3410** Promotion and Advertising Management (4)
- **MARK 3480** Pricing Strategy (4)
- **MARK 4450** Brand Management (4)
- **MGMT 3110** Human Resources Management (4)
- **MGMT 3120** Managerial Leadership (4)
BSc in Economics and Finance

Required Courses (number of credits):
- ECON 2174 OR MATH 2023 (4)
  - ECON 2174 Mathematics for Economists (4)
  - MATH 2023 Multivariable Calculus (4)
- ECON 3113 Microeconomic Theory I (4)
- ECON 3133 Microeconomic Theory II (4)
- ECON 3143 Macroeconomic Theory II (4)
- ECON 3334 Introduction to Econometrics (4)
- ECON 4670 Economics Research and Communication (0)
- FINA 3103 Intermediate Investments (3)

Electives (number of credits):
- ECON 4000-level Electives (11)
  Any 3 courses of the subject and level as specified
- FINA 3000-level or above Electives (6)
  Any 2 courses of the subject and level as specified

BSc in Mathematics and Economics

Required Courses (number of credits):
- ([MATH 1012 OR MATH 1013 OR MATH 1023] AND [MATH 1014 OR MATH 1024]) OR MATH 1020 (4-7):
  - MATH 1012 Calculus IA (4)
  - MATH 1013 Calculus IB (3)
  - MATH 1014 Calculus II (3)
  - MATH 1020 Accelerated Calculus (4)
  - MATH 1023 Honors Calculus I (3)
  - MATH 1024 Honors Calculus II (3)
- MATH 2023 Multivariable Calculus (4)
- MATH 2033 OR MATH 2043 (4):
  - MATH 2033 Mathematical Analysis (4)
  - MATH 2043 Honors Mathematical Analysis (4)
- MATH 2121 OR MATH 2131 (4):
  - MATH 2121 Linear Algebra (4)
  - MATH 2131 Honors in Linear and Abstract Algebra I (4)
- MATH 2411 Applied Statistics (4)
- MATH 3033 OR MATH 3043 (4):
  - MATH 3033 Real Analysis (4)
  - MATH 3043 Honors Real Analysis (4)
- MATH 4994 OR MATH 4999 OR ECON 4670 (0-3):
  - MATH 4994 Capstone Project in Mathematics and Economics (3)
  - MATH 4999 Independent Capstone Project (3)
  - ECON 4670 Economics Research and Communication (0)
- ECON 2103 OR ECON 2113 (3):
  - ECON 2103 Principles of Microeconomics (3)
  - ECON 2113 Microeconomics (3)
- ECON 3113 Microeconomic Theory I (4)
- ECON 3123 Macroeconomic Theory I (3)
- ECON 3133 Microeconomic Theory II (4)
- ECON 3143 Macroeconomic Theory II (4)
- ECON 3334 Introduction to Econometrics (4)
- ACCT 2010 Principles of Accounting I (3)
- FINA 2203 Fundamentals of Business Finance (3)
- COMP 1021 OR COMP 1022P OR COMP 1022Q (3):
  - COMP 1021 Introduction to Computer Science (3)
  - COMP 1022P Introduction to Computing with Java (3)
  - COMP 1022Q Introduction to Computing with Excel VBA (3)
- LABU 2040 Business Case Analyses (3)
- LABU 2060 Effective Communication in Business (3)
- SCIE 1000 OR SBMT 1111 (0):
  - SCIE 1000 Science School Induction (0)
  - SBMT 1111 Business Student Induction (0)

To Be Continued
BSc in Mathematics and Economics

**Electives (number of credits):**

**MATH Depth Electives**
- 2 courses from the specified elective list (6)
  - MATH 3423: Statistical Inference (3)
  - MATH 3425: Stochastic Modeling (3)
  - MATH 3426: Sampling (3)
  - MATH 4335: Introduction to Optimization (3)
  - MATH 4422: Data Analysis (3)
  - MATH 4423: Nonparametric Statistics (3)
  - MATH 4427: Loss Models and Applications (3)
  - MATH 4511: Quantitative Methods for Fixed Income Derivatives (3)
  - MATH 4512: Fundamentals of Mathematical Finance (3)
  - MATH 4513: Life Contingencies Models and Insurance Risk (3)

**ECON Depth Electives**
- 2 courses from the specified elective list (8)
  - ECON 4114: Industrial Organization and Competitive Strategy (4)
  - ECON 4234: Labor Economics and Human Resources (4)
  - ECON 4254: Law and Economics (4)
  - ECON 4284: Econometrics for Cross-Section and Panel Data (4)
  - ECON 4304: Time Series Econometrics and Business Forecasting (4)
  - ECON 4334: Money and Banking (4)
  - ECON 4364: International Trade and Investment (4)
  - ECON 4374: International Macroeconomics and Finance (4)
  - ECON 4384: Globalization: Trade, Investment and Exchange Rate (4)
  - ECON 4434: Economic Development and Growth (4)
  - ECON 4474: Hong Kong’s Economy (4)
  - ECON 4584: Topics in Economic Growth (4)

**Science Foundation Courses**
- 2 courses from the specified elective list (6)
  - CHEM 1004: Chemistry in Everyday Life (3)
  - CHEM 1010: General Chemistry IA (3)
  - CHEM 1020: General Chemistry IB (3)
  - CHEM 1030: General Chemistry II (3)
  - LIFS 1901: General Biology I (3)
  - LIFS 1902: General Biology II (3)
  - LIFS 1930: Nature of Life Sciences (3)
  - LIFS 2210: Biochemistry I (3)
  - PHYS 1001: Physics and the Modern Society (3)
  - PHYS 1111: General Physics I (3)
  - PHYS 1112: General Physics I with Calculus (3)
  - PHYS 1114: General Physics II (3)
  - PHYS 1312: Honors General Physics I (3)
  - PHYS 1314: Honors General Physics II (3)

BSc MAEC

BSc in Quantitative Finance

**Required Courses (number of credits):**

- FINA 2101: Introduction to Finance (1)
- FINA 3103: Intermediate Investments (3)
- FINA 3203: Derivative Securities (3)
- FINA 3303: Intermediate Corporate Finance (3)
- FINA 3810: Bloomberg Market Concepts Certification (0)
- FINA 4803: Quantitative Trading (3)
- ECON 3334: Introduction to Econometrics (4)
- ISOM 3230: Business Applications Programming (3)

**MATH 1014 OR MATH 1024 (0 – 3)*

- MATH 1014: Calculus II (3)
- MATH 1024: Honors Calculus II (3)

* Students taken MATH 1020 to fulfill the School Requirements may be exempted from this requirement.

**MATH 2011 OR MATH 2023 (3 – 4)

- MATH 2011: Introduction to Multivariable Calculus (3)
- MATH 2023: Multivariable Calculus (4)

**Electives (number of credits):**

- QFIN Restricted Electives (18) – Courses from the specified elective list, of which at least 3 credits from Area A, at least 6 credits from Area B, and at least 9 credits from Area C

**Area A – Finance (Any 3000-Level OR 4000-Level FINA course)**

**Area B – Programming and Data Analysis**

- COMP 2011: Programming with C++ (4)
- COMP 2012: Object-Oriented Programming and Data Structures (4)
- COMP 3211: Fundamentals of Artificial Intelligence (3)
- COMP 4211: Machine Learning (3)
- COMP 4331: Data Mining (3)
- COMP 4332: Big Data Mining and Management (3)
- ISOM 3360: Data Mining for Business Analytics (3)
- ISOM 3370: Big Data Technologies (3)
- RMBI 4310: Advanced Data Mining for Risk Management and Business Intelligence (3)

**To Be Continued**

BSc MAEC

QFIN BSc
BSc in Quantitative Finance

Area C – Quantitative Skills (No more than 1 course within the same course group of ISOM 4520 / RMBI 4210 may be counted towards the elective requirement)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 4304</td>
<td>Time Series Econometrics and Business Forecasting</td>
<td>4</td>
</tr>
<tr>
<td>ISOM 3540</td>
<td>Introduction to Probability Models</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 4520</td>
<td>Statistics for Financial Risk Management</td>
<td>4</td>
</tr>
<tr>
<td>ISOM 4530</td>
<td>Statistical Analysis of Financial Data in R/S-plus</td>
<td>4</td>
</tr>
<tr>
<td>ISOM 4540</td>
<td>Time Series Analysis and Forecasting</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2111</td>
<td>Matrix Algebra and Applications</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2121</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2131</td>
<td>Honors in Linear and Abstract Algebra I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2350</td>
<td>Applied Linear Algebra and Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2351</td>
<td>Introduction to Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2352</td>
<td>Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2421</td>
<td>Probability</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2431</td>
<td>Honors Probability</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3423</td>
<td>Statistical Inference</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4511</td>
<td>Quantitative Methods for Fixed Income Derivatives</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4512</td>
<td>Fundamentals of Mathematical Finance</td>
<td>3</td>
</tr>
<tr>
<td>RMBI 4210</td>
<td>Quantitative Methods for Risk Management</td>
<td>3</td>
</tr>
</tbody>
</table>

BSc in Risk Management and Business Intelligence

Students taking the BSc Program in Risk Management and Business Intelligence as their first major are exempted from the School Requirements. However, they are still required to complete the University requirements in addition to the major requirements for graduation.

Required Courses (number of credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMBI 2001</td>
<td>Academic and Professional Development in Risk Management</td>
<td>0</td>
</tr>
<tr>
<td>RMBI 3110</td>
<td>Introduction to Risk Management and Business Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>RMBI 4210</td>
<td>Quantitative Methods for Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>RMBI 4310</td>
<td>Advanced Data Mining for Risk Management and Business Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>RMBI 4980</td>
<td>Risk Management and Business Intelligence Capstone Project</td>
<td>4</td>
</tr>
<tr>
<td>ACCT 2610</td>
<td>Principles of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1021</td>
<td>OR COMP 1022 OR COMP 1022Q</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1021</td>
<td>Introduction to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1022P</td>
<td>Introduction to Computing with Java</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1022Q</td>
<td>Introduction to Computing with Excel VBA</td>
<td>3</td>
</tr>
<tr>
<td>COMP 4331</td>
<td>OR ISOM 3360</td>
<td>3</td>
</tr>
<tr>
<td>COMP 4331</td>
<td>OR ISOM 3360</td>
<td>3</td>
</tr>
<tr>
<td>COMP 4331</td>
<td>Data Mining</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 3360</td>
<td>Data Mining for Business Analytics</td>
<td>3</td>
</tr>
<tr>
<td>COMP 4651</td>
<td>OR ISOM 3370</td>
<td>3</td>
</tr>
<tr>
<td>COMP 4651</td>
<td>Cloud Computing and Big Data Systems</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 3370</td>
<td>Big Data Technologies</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2103</td>
<td>OR ECON 2113</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2113</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FINA 2303</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 2010</td>
<td>Introduction to Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 2700</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 3540</td>
<td>Introduction to Probability Models</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 3710</td>
<td>Business Modeling and Optimization</td>
<td>4</td>
</tr>
<tr>
<td>LABU 2051</td>
<td>Business Case Analyses</td>
<td>2</td>
</tr>
<tr>
<td>LABU 2052</td>
<td>Business Case Analyses II</td>
<td>2</td>
</tr>
<tr>
<td>MATH 1012</td>
<td>OR MATH 1013 OR MATH 1023 OR MATH 1024 OR MATH 1025 OR MATH 1026</td>
<td>3-7</td>
</tr>
<tr>
<td>MATH 1012</td>
<td>Calculus IA</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1013</td>
<td>Calculus IB</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1014</td>
<td>Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1020</td>
<td>Accelerated Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1023</td>
<td>Honors Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1024</td>
<td>Honors Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2011</td>
<td>Introduction to Multivariable Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2111</td>
<td>OR MATH 2121</td>
<td>3-4</td>
</tr>
<tr>
<td>MATH 2111</td>
<td>Matrix Algebra and Applications</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2121</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2411</td>
<td>Applied Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MGMT 2010</td>
<td>Business Ethics and the Individual</td>
<td>2</td>
</tr>
<tr>
<td>MGMT 2130</td>
<td>Business Ethics and Social Responsibility</td>
<td>2</td>
</tr>
</tbody>
</table>
## Elective (number of credits):

**Risk Management and Business Intelligence Electives (9)**

Courses from the specified elective list, of which at least 1 course should be taken from each area and at least 6 credits at 3000-level or above.

**Area 1 - Risk Management**
- RMBI 4220 Life Contingencies Models and Insurance Risk (3)
- FINA 3103 Intermediate Investments (3)
- FINA 3203 Derivative Securities (3)
- FINA 4103 Financial Markets Trading and Structure (3)
- IEDA 4510 Systems Risk Management (3)
- ISOM 4540 Time Series Analysis and Forecasting (4)
- ISOM 4840 Financial Service Operations Management (3)
- MATH 4427 Loss Models and their Applications (3)
- MATH 4428 Bayesian Analysis and Credibility Theory (3)
- MATH 4511 Quantitative Methods for Fixed Income Derivatives (3)
- MATH 4512 Fundamentals of Mathematical Finance (3)
- MATH 4514 Financial Economics in Actuarial Science (3)

**Area 2 - Business Intelligence**
- COMP 2011 Programming with C++ (4)
- COMP 2012 Object-Oriented Programming and Data Structures (4)
- COMP 3311 Database Management Systems (3)
- COMP 4221 Introduction to Natural Language Processing (3)
- COMP 4321 Search Engines for Web and Enterprise Data (3)
- COMP 4442 Data Visualization (3)
- COMP 4441 Social Information Network Analysis and Engineering (3)
- ISOM 3260 Database Design and Administration (4)
- ISOM 4720 Simulation in Business and Management (3)

**Student may opt to graduate with or without an option.**

**Students who take an option MUST complete all requirements specified in addition to the major requirements.**

## Financial Technology Option

**Required Courses (number of credits):**

- ISOM 3350 OR IEDA 4500 (3)
- ISOM 3350 FinTech and Cryptoventures (3)
- IEDA 4500 Engineering Foundations of FinTech (3)

**Elective (number of credits):**

- RMBI 4220 Life Contingencies Models and Insurance Risk (3)
- COMP 3211 Fundamentals of Artificial Intelligence (3)
- COMP 3632 Principles of Cybersecurity (3)
- COMP 4221 Introduction to Natural Language Processing (3)
- COMP 4432 Practicing Cybersecurity: Attacks and Counter-measures (3)
- COMP 4911 IT Entrepreneurship (3)
- ISOM 3000B Blockchain Entrepreneurship for Social Impact (3)
- ISOM 3340 Developing AI Applications (1)
- ISOM 4020 Innovation Management and Technology Entrepreneurship (3)
- ISOM 4200 Information and Cyber Security Management (3)
- MATH 4514 Financial Economics in Actuarial Science (3)
SBMT 1111

BUSINESS STUDENT INDUCTION

Take it easy! Your Business School life does not mean classes and study only. Meeting with other peers and advisors is also important.

SBMT 1111-Business Student Induction is not just a course but a platform for you to know more about the School and the University!

To pass this course, you just need to do the following:

1. Join the first 2 Course Introduction sessions of SBMT 1111 (Sept 2 and 9, 6:00pm - 7:30pm)

2. Participate in an advising event arranged by your Academic Affairs and Advising Counselor (AAAC)

3. Fill in an online form to indicate your plans and interests on Student Advising System (SAS)

More details will be available in the first session of SBMT 1111.

MINOR PROGRAMS

“Developing students' interests outside business disciplines”

Normal credit requirement for a minor is 18 credits.

Students are allowed to have more than one minor program.

Offered by the School of Science (SSCI)
- Actuarial Mathematics
- Astrophysics and Cosmology
- Biological Physics
- Biological Science
- Biotechnology
- Chemistry
- Environmental Science
- Mathematics
- Physics

Offered by the School of Engineering (SENG)
- Aeronautical Engineering
- Bioengineering
- Big Data Technology
- Design
- Environmental Sustainability and Management
- Information Technology
- Robotics
- Sustainable Energy Engineering
- Technology Management

Offered by the School of Humanities and Social Science (SHSS)
- China Studies
- Humanities
- Social Science

Jointly offered by the School of Humanities and Social Science (SHSS) and the School of Business and Management (SBM)
- Psychological and Behavioral Science

Jointly Offered by the School of Engineering (SENG), the School of Science (SSCI) and the School of Business and Management (SBM)
- Entrepreneurship

* Expected to be available in Spring 2020
**Business Cohort Community (BCC)**

The Business Cohort Community (BCC) provides you with a supportive, friendly, fun and exciting social platform where you can connect with all UG Business Students and the Business School.

Organizing Committee members are senior Business School students who will take care of you and help you to adjust to this new chapter in your life. You are also encouraged to take the initiative to approach them if anything is unclear. Don’t be afraid to talk to them, they are here to help!

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**School Welcome and Orientation and Peer Mentoring Program**

Mark your calendar for the following events!

**School Welcome and Orientation**

- **Date**: Aug 27, 2019 (Tue)*
- **Time**: 12:50pm – 2:30pm (Registration starts at 12:00nn)
- **Venue**: S H Ho Sports Hall

Students who are admitted to SBM programs will be invited to attend an orientation by your program from 2:30pm onward.

**Peer Mentoring Program**

- **Date**: Aug 7, 2019 (Wed) am/pm* or Aug 22, 2019 (Thu) pm*

All new business students will be invited by email to attend a specific session.

*If the School Welcome and Orientation and Peer Mentoring Program are cancelled due to Typhoon Signal No. 8 or the Black Rainstorm Warning (see notes below), activities scheduled on Aug 7, 2019 (Wed) will be rescheduled to Aug 8, 2019 (Thu), while those scheduled on Aug 27, 2019 (Tue) will be rescheduled to Aug 29, 2019 (Thu).

**Enquiry**

If you have any questions, please contact bmbowie@ust.hk.

**Adverse Weather Arrangement**

When the Amber or Red Rainstorm Warning or Typhoon Signal No. 1 or 3 is in effect, all scheduled events will be held as usual.

When a Typhoon Signal No. 8 or a Black Rainstorm Warning is cancelled before 8:00am, all events will be held on schedule.

When a Typhoon Signal No. 8 is lowered or a Black Rainstorm Warning is cancelled at or before 12:00 noon, activities starting before 14:00 will be cancelled and rescheduled, while activities starting at or after 14:00 will be held as scheduled.

However, all events will be cancelled if Typhoon Signal No. 8 is lowered or the Black Rainstorm Warning is cancelled after 12:00 noon. Please refer to the above contingency arrangements* and visit our website for updated information:

http://undergrad bm.ust.hk/academics/academic-advising/new-student-orientation
There are various events and activities organized by the School throughout the year so that you can get to know more about the University, the School, SBM programs, professors and staff, as well as your fellow classmates:

**School Welcome and Orientation:**
An informal welcome ceremony hosted by the Dean to welcome new students and there will be performances and activities.

**Peer Mentoring Program**: 
The Program is to help new students adapt to the University and to strengthen their sense of belonging to the School. Assistance and guidance will be given by the Peer Mentors in the first term.

**SBMT 1111 Business Student Induction:**
A zero-credit course to prepare new students for university studies; academic advising support and workshops on different topics are available throughout the Fall term.

**Information Week for Major Selection Exercise (MSE):**
Program information sessions are held in November and April respectively for students to learn more about SBM programs before they choose a major.

**Fall and Spring MSE:**
Students may select their major once they meet the requirements; applications for Fall and Spring MSE are held in December/January and April/May respectively.

**Business Cohort Community (BCC):**
BCC provides you with a supportive, friendly, fun and exciting social platform where you can connect with all UG Business students and the Business School.

**UG Get-Together**: 
An informal gathering for students, faculty and staff; held once a month during Fall and Spring terms.

**Take Faculty to Lunch**: 
Each term, students have the opportunity to invite a faculty of their choice for a casual lunch and chit chat. Students have the chance to interact, and get up close and personal with faculty.

**Exchange Program:**
Students may apply for exchange beginning from their 2nd year Fall, [application in December] for exchange studies a year later in 3rd year Fall. Normally, there are 3 windows for exchange, including 3rd year Fall and Spring and 4th year Fall terms.

**Career Mentorship Program**: 
The Career Mentorship Program aims to provide valuable opportunities for students to interact with mentors working in different industries. Students are welcome to apply each year.

* Sponsored by Karen Lee Student Mentoring Center.
ACADEMIC RELATED MATTERS

Overloading Policy

<table>
<thead>
<tr>
<th>FIRST REGULAR TERM</th>
<th>EVERY REGULAR TERM AFTERWARDS</th>
<th>CGA ≥ 3.300</th>
<th>NON-REGULAR TERMS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>maximum 15 credits</td>
<td>allowed to enroll in courses up to 18 credits if you are not under academic warning or probation</td>
<td>may apply for 20 credits per regular term, subject to the approval of School / Department</td>
<td>up to 3 courses</td>
</tr>
</tbody>
</table>

* i.e. Winter and Summer terms

Grade Averages

Term Grade Average (TGA) computed based on all courses (failed courses included) taken in a term

Cumulative Grade Average (CGA) computed based on all courses (failed courses included) taken since first registration up to the point of calculation

Major Cumulative Grade Average (Major CGA) computed based on courses (all weighted equally; failed courses excluded) used to fulfill the major and School requirements; courses used to fulfill option (if any) not counted towards Major CGA

Overall Cumulative Grade Average (Overall CGA) computed based on all courses (all weighted equally; failed courses included) taken upon graduation

Courses that are not counted in the calculation of any grade point average:
1. Courses graded under the distinction / pass / fail grading system
2. Courses graded under the pass / fail grading system
3. Courses designated as AU (audited), I (incomplete), PP (permitted to proceed), T (transferred) or W (withdrawal without penalty)

Course Grades in HKUST

<table>
<thead>
<tr>
<th>Course Grade</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.3</td>
</tr>
<tr>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>
In classifying awards, the University takes into account:

1. Benchmark Major CGA and Overall CGA bands for each classification
2. The University’s policy for degree classification

Recommendations for graduation and classification of awards are made by the relevant Dean to the Committee on Undergraduate Studies (CUS) which may confirm students’ graduation and classification on behalf of the Senate.

Students studying multiple majors must achieve the minimum “Major CGA” for all the majors that is computed by using the union of the requirements of all majors including the first major’s corresponding school requirements as well as the minimum “Overall CGA” to get the honor classification for graduation. However, the student can decide to withdraw from one of the majors for a better classification of honors. Moreover, the recommendation for an award should be agreed by all Schools.

Academic Standing

<table>
<thead>
<tr>
<th>Academic Standing</th>
<th>In what condition can a student fall into the category?</th>
<th>What will happen?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Academic Achievement Medal</td>
<td>Did not fail a course during their studies at HKUST Final CGA of ≥ 3.9, with ≥ 60 credits obtained at HKUST</td>
<td>The award will be presented in the congregation and will be recorded on students’ transcripts.</td>
</tr>
<tr>
<td>2. Dean’s List</td>
<td>TGA ≥ 3.7 in a regular term with ≥12 credits Did not fail any courses Did not commit any confirmed act of academic dishonesty</td>
<td>The award will be presented in the form of a letter issued by the Dean of the School concerned and be recorded on students’ transcripts.</td>
</tr>
<tr>
<td>3. Academic Warning</td>
<td>TGA or CGA &lt; 1.7</td>
<td>Credit load will be reviewed by the major department</td>
</tr>
<tr>
<td>4. Academic Probation</td>
<td>CGA &lt; 1.7 (excluding the first regular term)</td>
<td>Students should seek academic advice.</td>
</tr>
</tbody>
</table>

Repeated Courses

Students who receive an F grade in any course may request to repeat the course to improve their grade. Courses with passing grade cannot be repeated to improve grades.

F grades will appear on your transcript, and where a course is repeated, failed grades of the same course in previous terms will not be excluded in the calculations of the TGA and CGA, but will be excluded in the calculation of “Major CGA”.

A failed course may be repeated only once. You may also repeat a course from which you withdraw.
Notes for Course Withdrawal:

Students are cautioned that withdrawal may affect their academic progress and result in less than the specified credits earned in the term.

Students wish to request for course withdrawal after the add / drop period will be required to provide the home department with full justification for making the application. The request has to be endorsed by the course instructor first, and then be reviewed by the Head of the Department, and if supported, then by the School Dean or his / her designate.

If the approval for late course withdrawal is given, the “Withdrawal without Penalty” grade – “W” will be recorded on the transcript. There is no refund of the tuition fees paid for the withdrawn courses.

Unless students receive the confirmation email from the ARO, they should continue to attend classes, complete coursework and sit for examination for the course in request.

Academic Dismissal

Students who have been on Academic Probation for three consecutive regular terms or students who have twice failed a course that is a requirement for their graduation will be reported to the Dean. The Dean may recommend to the Provost that a student is dismissed from the University. In making this recommendation, the Dean should consider:

- whether the student can present credible evidence of extenuating circumstances for on-going poor academic performance
- whether the student has a reasonable chance of successfully completing the requirements for an award
- whether maintaining the student’s registration is consistent with the University’s responsibility for making the best use of its resources

The Provost’s decision is final.

Late Application for Course Add / Drop / Withdrawal

Before the end of add / drop period

You are required to settle all course registration issues.

After the add / drop period

Requests regarding adding / withdrawal from courses and changing a tutorial group will not be considered unless the adding / withdrawal is due to extenuating circumstances beyond the control of the student (e.g. health problems with medical proof).

Notes for Course Withdrawal:

Students are cautioned that withdrawal may affect their academic progress and result in less than the specified credits earned in the term.

Students wish to request for course withdrawal after the add / drop period will be required to provide the home department with full justification for making the application. The request has to be endorsed by the course instructor first, and then be reviewed by the Head of the Department, and if supported, then by the School Dean or his / her designate.

If the approval for late course withdrawal is given, the “Withdrawal without Penalty” grade – “W” will be recorded on the transcript. There is no refund of the tuition fees paid for the withdrawn courses.

Unless students receive the confirmation email from the ARO, they should continue to attend classes, complete coursework and sit for examination for the course in request.
Some Tips on Course Add / Drop

**Tip 1** Be aware of the courses queuing in waiting list

You may be enrolled in courses at the very last minute of the add / drop period if you put yourself in waiting list of a particular course. It is because other students may drop the courses and you are enrolled in the courses finally. If you no longer need that course, please drop the course from the waiting list ASAP.

**Tip 2** Do not drop required courses

The School will not handle any requests for adding back required courses after the add / drop period for any reasons, even if you dropped the course accidentally. If you drop the required course, there is a chance that you may not be able to follow the curriculum or take subsequent courses with pre-requisite requirement.

**Tip 3** Be aware of the add / drop deadlines in Winter / Summer terms

As courses in Winter & Summer terms will have different class schedules, there will be different add / drop deadlines for these courses. You should be aware of the add / drop deadlines usually very tight for your course registration in Winter / Summer terms so that you will not miss the deadlines.

*Note: After course add / drop period, requests to add / withdraw from courses will not be considered.*