### Major Requirements

#### Major Required Courses and Electives

**RMBI**
- Academic and Professional Development in Risk Management and Business Intelligence
- Linear Algebra
- Matrix Algebra and Applications
- Accelerated Calculus
- Honors Calculus I
- Honors Calculus II
- Introduction to Multivariable Calculus

**Finance Technology Electives**
- Student who wish to take FINA 3203 in Area 1: RM.
- Student who wish to take IEDA 4500 should take FINA 3203 in Area 1: RM.

**Required credits for Major Required Courses and Electives**

#### Financial Technology Option

**REDA**
- Financial Technology Electives (Courses from the specified elective list. Courses taken as electives list, of which at least 1 course should be taken from each area and at least 6 credits at 3000-level or above)

**Required credits for Financial Technology Option**

#### University CORE

**CORE**
- 11 & 02 - English Language

**Sub-total for University CORE**

<table>
<thead>
<tr>
<th>Term</th>
<th>11 (w/o core)</th>
<th>12</th>
<th>17</th>
<th>17</th>
<th>15</th>
<th>16</th>
<th>16</th>
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<td>Credits</td>
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<td>5</td>
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<td>6</td>
<td>6</td>
<td>3</td>
<td>3</td>
<td>6</td>
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</table>

**Notes:**
- To graduate, students should complete at least 120 credits in approved courses. They may need to take courses additional to the required and elective courses as specified above to meet this minimum credit requirement.
- Students who wish to take COMP 4651 should take COMP 2111 in Area 2: BI. Student who wish to take IEDA 4500 should take FINA 3203 in Area 1: RM.

#### Option Requirements

**Required credits for area (including free credits)**

**REDA/CORE**
- Note: IEDA 4500 should take FINA 3203

**Required credits for area (including free credits)**

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### Program Overview

#### Background: Admitted to RMBI in Year 1
- Students admitted to RMBI in Year 1 are expected to complete the following courses in Year 1 and Year 2.

#### Introduction to Risk Management and Business Intelligence
- Focus on risk concepts, risk management models, and business intelligence tools.

#### Introduction to Information Systems
- Basic concepts of information systems and their role in business.

#### Pathway 1
- **Required Courses**
  - Business Modeling and Optimization
  - Operations Management
- **Elective Courses**
  - Risk Management and Business Intelligence Capstone Project II

#### Risk Management and Business Intelligence Capstone Project I
- Application of risk management and business intelligence concepts in real-world scenarios.

#### Principles of Accounting I
- Fundamentals of accounting and financial reporting.

#### Department of Information Systems, Business Statistics & Operations Management
- Offer courses in information systems, business statistics, and operations management.

#### School of Business and Management
- Provides a comprehensive education in business management.

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### Course Offering and Scheduling
- Students should check course offerings and scheduling from the respective School and Department.

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### Notes
- The Hong Kong University of Science and Technology
- School of Business and Management
- An Example on Student's Pathway (as of 1 September 2022)

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**2022-23 RMBI (4Y) (2022-23 Intake)**