

## MSc in Big Data Technology – Course Schedule

Students are required to complete a total of 30 credits of coursework, including 12 credits of core courses and 18 credits of elective courses. Subject to approval, students may take a maximum of 6 credits of courses from the Master of Science in Information Technology.

**Tentative** course offering schedule:

### 2021-22 Fall Term

- MSBD 5002 Data Mining and Knowledge Discovery\*
- MSBD 5003 Big Data Computing\*
- MSBD 5006 Quantitative Analysis of Financial Time Series
- MSBD 5007 Optimization and Matrix Computation
- MSBD 5008 Introduction to Social Computing
- MSBD 5010 Image Processing and Analysis
- MSBD 5012 Machine Learning
- MSBD 5015 Artificial Intelligence
- MSBD 6000J Spatial and Multimedia Databases

\*Core course

**Courses are offered subject to needs and availability.**

For course details, please refer to:

