MSc in Intelligent Building Technology and Management – Course Schedule

Students are required to complete at least 30 credits of IBTM courses, including 6 credits of core courses. Subject to approval, students may take certain number of courses from MSc in Civil Infrastructural Engineering and Management and MSc in Mechanical Engineering programs.

**Tentative** course offering schedule:

**2020-21 Fall Term**

- IBTM 5050 Intelligent Building System*
- IBTM 5150 Advanced HVAC Systems
- IBTM 5300 Computational Methods in Building Environment Design
- IBTM 5460 Materials in Built Environment
- IBTM 5500 Occupational Safety and Health Issues in Building
- IBTM 5630 Micro Sensors for Smart Buildings

**2020-21 Spring Term**

- IBTM 5010 Intelligent Building Facility Management*
- IBTM 5060 Building Internet of Things: Technologies, Big Data and Strategies for the Building Manager*
- IBTM 5200 Advanced Energy Conversion Systems
- IBTM 5430 Indoor Air Quality Technology and Management
- IBTM 5530 Risk Management and Decision-Making in Intelligent Building
- IBTM 5620 Electrical Facilities in Intelligent Buildings
- IBTM 6010F Fuel Cells for Buildings

* Core course

Courses are offered subject to needs and availability.

For course details, please refer to:

![Course Catalog](image)