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:

2021-22 Fall Term
- IBTM 5050 Intelligent Building System*
- IBTM 5300 Computational Methods in Building Environment Design
- IBTM 5460 Materials in Built Environment
- IBTM 5500 Occupational Safety and Health Issues in Building
- IBTM 6010I Fire Safety Engineering

2021-22 Spring Term
- IBTM 5060 Building Internet of Things: Technologies, Big Data and Strategies for the Building Manager *
- IBTM 5150 Advanced HVAC Systems
- IBTM 5200 Advanced Energy Conversion Systems
- IBTM 5430 Indoor Air Quality Technology and Management
- IBTM 5620 Electrical Facilities in Intelligent Buildings
- IBTM 5640 Fuel Cells for Buildings
- IBTM 6010G Project Engineering and Management
- IBTM 6010H Utility Services

* Core course

Courses are offered subject to needs and availability.

For course details, please refer to:

Course Catalog

(Version: 11 January 2022)