MSc. Information Technology Management

Faculty of Engineering and IT

1- Business Intelligence
2- e-Business Intelligence
3- General non-specialized route
ENTRY REQUIREMENTS

• A relevant Bachelor's degree equivalent to an Upper Second Class or with a good GPA (3 or above) from an accredited university.
• English language proficiency equivalent to EmSat 1400, IELTS 6.0 or TOEFL 550.
• Applicants who do not meet the standard entry qualifications may be considered for conditional admittance.

http://www.buid.ac.ae/Entry_Requirements_for_MSc_ITM

WHY STUDY MSC IN INFORMATION TECHNOLOGY MANAGEMENT PROGRAMME (ITM)

BUiD’s MSc in IT Management is a novel programme allowing students to acquire skills that are crucial for career advancement in today’s rapidly growing knowledge-economy. Graduates in IT Management will have a competitive advantage over colleagues who only have a background in Programming or Computer Science. Graduates will also get an extensive experience in a number of cutting edge IT areas, giving them enough confidence to introduce these innovative techniques into their organisations. The programme is offered in two concentrations Business Intelligence and e-Business Intelligence. The general non-specialized path is also available.

Informatics Research Methods

The module aims to teach the methodologies of conducting research in Informatics. It will focus on three main parts: (1) analytical methods, (2) empirical methods, (3) writing and evaluating research. The module covers: the nature of Informatics and Informatics research; criteria for assessing Informatics research; analytical proof; algorithm and complexity analysis; the design of experiments and evaluations; practical advice on conducting research and numerous research.

IT Project Management

In this module students study IT project management activities. Covered topics include software systems engineering, project planning and management, quality assurance, and strategic planning. The student will learn to manage software as a distinct project, use specifications and descriptions, make use of structured techniques, complete reviews and audits, confirm product development with planned verification, and validation and testing.

Planning, Execution and Control

The module provides knowledge and higher level of understanding of planning, execution and control processes in the management of projects. This covers concepts, models, and methodologies of planning.

LUAY ANAYA

I was blessed to study at BUiD, as it has devoted leaders, friendly staff, and enthusiastic professors that care. Studying IT Management, one of the many exceptional programmes taught at BUiD, instilled in me a desire to excel, and to accomplish high standards. Learning at BUiD was simply an experience that lasts for a lifetime.
and control of project cost, time and resources.

**People, Culture and Organisation**
The module helps students to gain knowledge and understanding of a wide range of people and culture topics relevant to a project manager, experience the application of theoretical ideas to work situations, understand the theory and practice of creative approaches to problem solving, and understand qualitative concepts and measures with respect to people, culture, and organisations.

**1-Business Intelligence**

**Data Mining & Exploration**
The module focuses on applying algorithms to large real-world data sets. Data mining is about analyzing, interpreting, visualizing and exploiting the data that is captured. Familiarity with elementary mathematics, including algebra and calculus is essential. The module will also feature paper presentations and a each student will undertake a mini-project on a real-world dataset.

**Knowledge Management**
The module aims to teach the principles and technologies of knowledge management. The module covers the fundamental concepts in the study of knowledge and its creation, representation, dissemination, use and re-use, and management. The focus is on methods, techniques, and tools for computer support of knowledge management, knowledge acquisition, and how to apply a knowledge management system using one of the knowledge-based system tools.

**2-e-Business Intelligence**

**e-Commerce**
In this module students study topics related to creating a business on the web, with particular focus on e-commerce. Students will study the IT issues raised by electronic business and commerce. Techniques and technologies available for designing and implementing e-business and e-commerce applications will be surveyed. Students will have first-hand experience with Web-based tools and services to help design e-Business solutions.

**IT Entrepreneurship**
The module provides the students with scientific methodologies for identifying opportunities in the IT space. Students will learn how to create an effective business plan, acquiring funding, establishing a company from scratch and managing in an environment of high growth, high uncertainty and rapid change. The module will include case studies of successful and failed IT entrepreneurial companies and will draw upon the angel investing, venture capital and entrepreneurial communities from guest speakers.