



MSc

Business Intelligence

"Dundee is one of the prize catches in higher education... so apply soon for one of the best university experiences."
Sunday Times, 2009

MSc Business Intelligence

The MSc Business intelligence (BI) programme introduces a broad category of applications and technologies for gathering, storing, analyzing, and accessing to data to help enterprise users within financial, retailing and insurance sectors to make better business decisions. It also assists scientific discovery by providing powerful tools to deal with large amounts of scientific data.

- This innovative and pioneering MSc programme is the first of this kind in the UK.
- Led by **Dr Mark Whitehorn**, an internationally recognised expert within the field of BI.
- Suits graduates of computer science, or professionals with a working knowledge of databases.
- Covers the underlying principles of data structure, handling and analysis.
- Enables students to design effective BI systems.

The MSc BI programme addresses the following questions:

- How do data differ from information?
- How can data be structured for transactions and analysis?
- What is the difference between the Kimball and Inmon models?
- What are multi-dimensional data?
- How do we capture users' analytical requirements?
- How can we use MDX (the analytical equivalent of SQL)?

Course content

- BI Systems – introduction and overview
- Relational database design
- Dimensional database design
- Designing BI systems
- ETL (Extract, Transform and Load) – Theory and practice MDX (Multidimensional eXpressions)
- Research-orientated project

To apply

- An honour degree usually at 2.1 or above (or equivalent qualification) in Computing, Information Technology, Information Systems, Software Engineering or related title.
- IELTS 6.0 (or equivalent) for applicants whose first language is not English
- This programme starts in January and applicants should apply in time to avoid disappointment
- For application information: www.dundee.ac.uk/postgraduate or email: postgrad-admissions@dundee.ac.uk

Further information contact course Co-ordinator

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“Enterprises have no trouble collecting a mass of data: the big problem is extracting the valuable information therein. Business Intelligence describes a set of technologies that are used to extract information from data.”

Dr Mark Whitehorn, programme leader, an internationally recognised expert of BI

