MSC (BUSINESS ANALYTICS)

Overview

NFQ Level 9, Major Award

The MSc in Business Analytics (BA) is a full-time programme running for 12 months from the date of first registration for the programme.

Exit Award

Postgraduate Diploma in Business Analytics

In the event of a candidate failing to pass Part II, and failing to achieve a pass standard following permitted minor corrections as outlined in "Pass Standard" above, the candidate will be offered an award of a Postgraduate Diploma in Business Analytics (https://ucc-ie-public.courseleaf.com/programmes/pdba/) (NFQ Level 9, Major Award), worth a total of 60 credits.

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Code	Title	Credits
Students take **90** credits as follows – **60** credits of taught modules (Part I) and **30** credits of research modules (Part II):		
Part I		
Students take **60** credits as follows:		
Core Modules		
EC6011	Business Forecasting	5
IS6017	Enterprise Business Processes and Applications	5
IS6025	Design Thinking for Business Analytics	5
IS6051	Business Data Analysis and Visualisation	5
IS6052	Predictive Analytics	5
IS6055	Prescriptive Analytics	5
IS6058	Emerging Topics in Business Analytics	5
IS6061	Python for Business Analytics	5
IS6070	The Application of Business Analytics in Practice	15
IS6071	Business Analytics for Sustainability	5
Part II		
Students take **30** credits as follows:		
Core Modules		
IS6611	Applied Research in Business Analytics	30
Total Credits		**90**

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules.*

Programme Learning Outcomes

Programme Learning Outcomes for MSc (Business Analytics) (NFQ Level 9, Major Award)

On successful completion of this programme, students should be able to:

- Communicate and work effectively to an ethical and high professional standard;
- Demonstrate advanced analytical and problem-solving skills associated with responsible leadership and sustainability;
- Engage in advanced application of frameworks and techniques in organisational settings (both national and international);
- Understand the organisational context of data and information for business analytics;
- Conduct business analytics research for business/policy sponsors and academic audiences;
- Self-direct career development.