

APPROVED

| | | | | | |
|----------------------------------|-----------|--------------------|---|------------|-------------|
| Programme Code | BSHTM | Programme Duration | 4 | | |
| Programme Level | 8 | EQF Level | 6 | EHEA Level | First Cycle |
| Programme Credits | 240 | | | | |
| Semester Duration | 0 Week(s) | | | | |
| Language of Instruction | English | | | | |
| CAO Code; QQI Programme Code etc | Code | | | | |

Programme Outcomes

On successful completion of this programme the learner will be able to :

| Description |
|---|
| • Knowledge and understanding of theory, concepts, and methods in the IT and Business fields in particular in the following areas (according to specialisation): Information Systems, Business Analysis, Data Analysis, Social Media. |
| • Gain a detailed knowledge and understanding of how to develop the organisations IT strategy, the expertise required for successful Information Systems Management, and how the business environment in technology operates. |
| • Demonstrate a mastery of the tools in order to conduct various IT and business related activities, in particular data analysis, information systems and social media management. |
| • Analytically identify, select, formulate and manage strategies and solutions in business and technology management. |
| • Use advanced skills to apply research methodology and tools to research in Information Technology, business technology, and business management. • Transfer and apply creative skills in the following areas (according to specialisation): Information Systems, Business Analysis, Data Analysis and Social Media |
| • Work under guidance to deliver a comprehensive integrated project developed according to project management best practices. • Organise teams in an Information Technology environment with an understanding of the different roles. • Interact effectively with staff at all levels of an organisation. |
| • Learn to use different technology resources, such as data and information systems, to inform decision making. • Apply appropriate independent learning strategies which meet the requirements of the rapidly changing computing industry. |
| Express a comprehensive view through presentations, both written and oral. Answer questions on the theoretical and practical context of technology management. Gain a view of how humans perceive and react to change, and the importance of culture and leadership in an organisation. An ability to apply best practice in building trust, motivation and collaborative work. Among diverse and multicultural groups. Identify and appropriately address ethical issues |

Semester Schedules

Stage 1 / Semester 1

| Core Subject | |
|--------------|--|
| Module Code | Title |
| H6MYL | Academic Management Skills |
| H6IMBC | Introduction to Mathematics for Business & Computing |

| | |
|--------|--|
| H6IMBC | Introduction to Mathematics for Business & Computing |
| H6PSP | Problem Solving and Programming Concepts |
| H6CI | The Computing Industry |
| H6WD | Web Design and Development |

Stage 1 / Semester 2

| Core Subject | |
|--------------|--|
| Module Code | Title |
| H6DM | Digital Multimedia |
| H6MGM | Introduction to Management |
| H6IM | Introduction to Marketing |
| H06IP | Introduction to Programming |
| H6SAB | Software Applications for Business |

Stage 2 / Semester 1

| Core Subject | |
|--------------|---|
| Module Code | Title |
| H6FBA | Fundamentals of Business Analysis |
| H06ID | Introduction to Databases |
| H06ID | Introduction to Databases |
| H06SPM | IT Project Management |
| H6OBR | Organisational Behaviour |
| H6WAD | Web Application Development |

| | |
|-------|---|
| H6WAD | Web Application Development |
|-------|---|

Stage 2 / Semester 2

| Core Subject | |
|--------------|--|
| Module Code | Title |
| H06BE | Business Entrepreneurship |
| H06DCN | Data Communications and Networking |
| H6ITP | Interdisciplinary Team Project |
| H6PA | Principles of Accounting |

Stage 3 / Semester 1

| Core Subject | |
|--------------|--|
| Module Code | Title |
| H7ACCB | Accounting for Business |
| H7AVB | Advanced Databases |
| H7TPR | Team Project |
| Optional | |
| Module Code | Title |
| H7BID | Business Intelligence and Data Warehousing I |
| H7IER | Introduction to ERP |

Stage 3 / Semester 2

| Core Subject | |
|--------------|--------------------------------|
| Module Code | Title |
| H7WRKPL | Work Placement |

| Group Elective 1 | |
|------------------|---|
| Module Code | Title |
| H7ALC | Application Lifecycle |
| H7BAD | Business Application Development |
| H7BCS | Business Communication Skills- Enhance Your Personal Impact |

Stage 4 / Semester 1

| Core Subject | |
|--------------|--|
| Module Code | Title |
| H8BDA | Business Data Analysis |
| H8GSM | Global Supply Chain Management |
| H8TM | Information Systems Management |
| H8PE | Project |
| H8SMG | Strategic Management |

| Group Elective 1 | |
|------------------|--|
| Module Code | Title |
| H8BGD | Programming for Big Data |

| Group Elective 2 | |
|------------------|---|
| Module Code | Title |
| H8BID2 | Business Intelligence and Data Warehousing II |

| Group Elective 3 | |
|------------------|--|
| Module Code | Title |
| H8AWA | Advanced Web Application Development |

| Group Elective 4 | |
|------------------|---|
| Module Code | Title |
| H8RM | Requirements Management |

Stage 4 / Semester 2

| Group Elective 1 | |
|------------------|---|
| Module Code | Title |
| H8DWM | Data and Web Mining |
| Group Elective 2 | |
| Module Code | Title |
| H8BPM | Business Process Management |
| H8BNS | Security Principles |
| Group Elective 3 | |
| Module Code | Title |
| H8BIA | Business Intelligence and Analytics with Social Media |
| H8PRS | Public Relations and Social Media |
| Group Elective 4 | |
| Module Code | Title |
| H8APM | Agile Project Management |