

IT & Computing Pathway

BSc (Hons) Business Computing

(Final Year Top-up)

University of Wales



- Online-based distance learning
- Stand alone course or combine with the Edexcel HND Computing (Business IT) to form 3 year degree



Qualification

On successful completion of the programme you will be awarded a BSc (Hons) Business Computing.

Awarding Body

This degree is validated and awarded by the University of Wales, UK. For further details regarding the University and its validation services, please log on to www.wales.ac.uk/validation or email validation@wales.ac.uk.

Course Description

This programme will appeal to those who have already been successful in studying computing at a Higher Education level (by completing a BTEC Level 5 HND Diploma in Computing & Systems Development, for example).

Mode

Online distance learning

Course Content (Modules)

Comprises 6 core modules:

1. Current Trends in Networking

On completion of this module you will be able to:

- Evaluate threats to network provision and compare solutions
- Compare and contrast existing and emergent networking technologies
- Apply appropriate network technologies in complex settings, providing alternative solutions, clear selections and justifications.

2. Online Business Systems

On completion of this module you will be able to:

- Manage the implementation phase of a web application and deploy appropriate client-side and server-side technologies.
- Justify the design and development of the application and critically evaluate their implementation approach.

- Design and implement an online business system meeting the needs of both the user and the client.

- Prepare appropriate entity relationship diagrams and SQL queries in order to efficiently manage data within the web application.

- Recognise the need for continual development and marketing of an online business system using multimedia objects.
- Use an industry standard integrated development environment (IDE) for the design and implementation of the website.

3. Understanding Systems

On completion of this module you will be able to:

- Identify a system.
- Compare and contrast the various types of systems that can exist.
- Analyse a system to identify its components.
- Critically appraise the importance of the role of the systems approach in identifying, amending and developing Information Systems.
- Use models in analysing and developing systems.

4. Database Solutions

On completion of this module you will be able to:

- Explain the concepts of different types of database.
- Identify the principles of a relational database.
- Explain the 3 Level architecture of a relational database.
- Produce a physical database.
- Produce SQL statements to create and interrogate a database.

5. Management in IT

On completion of this module you will be able to:

- Critically appraise principles of staff management.
- Use software management tools.

- Participate in strategic planning.
- Analyse the impact of current developments in information technology on business.

6. Practical Project

On completion of this module you will be able to:

- Manage a project, including planning and scheduling the use of time and resources.
- Write a comprehensive professional report on the work done.
- Identify and define a project and select appropriate methodologies/tools to produce a solution.
- Demonstrate an understanding of the limitations and achievements of the project.
- Critically evaluate the project and the processes used.

Assessment

Assessment is via four assignments, one examination and a project.

Duration of Programme

This programme can be studied over a minimum of 12 months, this may be extended to suit your individual needs for up to a maximum of four years.

Entry Requirements

A HND in a computing subject. The BTEC Level 5 HND Diploma in Computing & Systems Development allows direct entry to this programme.

What's Included

RDI's Online University **ilearn** is used to deliver all resources for this course including:

- Study materials** - Access electronic copies of your learning materials and important information, such as assessment instructions, whenever and wherever you are.
- Tutor support** - Tutors use live chats and forums to stimulate discussions, request input and highlight external sources.
- External resources** - Links to external sources can include key journal articles, your university's online library, sites of topical interest, etc.
- Discussion with other students** - Forums allow students to come together, share thoughts and ideas and you can initiate topics that you want to discuss with your fellow students.

Please note students may be required to purchase certain software.

Workload

We recommend an average of 12-15 hours study time per week for this programme.

Exemptions

For this qualification, we may allow you to transfer credit for relevant study completed elsewhere. However, this only applies to stages 1 and 2. No exemptions are allowed from the final year top-up (stage 3). Exemptions are considered on an individual basis when you submit an application form. Please note that we cannot consider work experience alone for exemptions.

How to Apply

In addition to a completed application form:

- Copies of your relevant certificates and/or transcripts
- Two suitable references. Please note that we can only accept academic and/or professional work references.
- Copy of your CV detailing your work history (covering the last five years).
- Proof of English language ability (IELTS or TOEFL), if English is not your first language or you have not previously studied in English.

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Visit our website www.rdi.co.uk/apply
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Contact us today on **FREEphone 0800 COURSES / 0800 268 7737**

What You Could Study Next

University of Wales MSc Information Technology