



APPROVED

Awards	
Ordinary Bachelor Degree	
Mode of Delivery:	Full Time
No. of Semesters :	6
NFQ Level:	7
Programme Credits:	180
Department:	Computing and Networking

Semester Schedules

Stage 1 / 60 ECTS / Semester 1

Mandatory	
Module Code	Module Title
ZAPP C1201	Applications and Interpersonal Communications
ZCOM C1201	Computer Hardware 1
ZMAT C1201	Mathematics 1
ZNTW C1201	Networking 1
ZPRG C1201	Programming 1

Stage 1 / 60 ECTS / Semester 2

Mandatory	
Module Code	Module Title
ZCOM C1202	Computer Hardware 2
ZMAT C1202	Mathematics 2
ZNTW C1202	Networking 2
ZPRG C1202	Programming 2
ZSYS C1201	Operating Systems

Stage 2 / 60 ECTS / Semester 1

Elective Regulation

Students may EXIT at this stage of the programme with a higher Certificate in Computing in Applications (Embedded Exit Award), provided they have achieved the required learning outcomes and have accumulated 120 credits. IT Carlow academic regulations apply.

Mandatory	
Module Code	Module Title
PROG	Web Programming and Databases 1
DATA	Introduction to Data Analytics
ADMN	Systems Administration
NETW	Networking: Switching and VLAN Concepts
MGMT	Business Management

Stage 2 / 60 ECTS / Semester 2

Mandatory	
Module Code	Module Title
PROG	Web Programming and Databases 2
FNCE	Financial Maths
SYST	Systems Infrastructure and Security
NETW	Networking: Wireless and Routing Concepts
PROJ	Project 2

Stage 3 / 60 ECTS / Semester 1

Mandatory	
Module Code	Module Title
SYST	Information Systems
MGMT	Project Management
ADMN	Secure Systems Administration
APPL	Web and Cloud Applications
NETW	Networking III

Stage 3 / 60 ECTS / Semester 2

Mandatory	
Module Code	Module Title
WKPL	Work Placement
PROJ	Project
RECH	Approved Semester Abroad