

BSc DIGITAL & TECHNOLOGY SOLUTIONS

STRUCTURE FULL TIME SEPTEMBER START DELIVERY

LEVEL 4 (YEAR 1)

WINTER: SEPT - JAN

COM411 Problem Solving through Programming 20 CATS

COM412 Introduction to Networks & Security 20 CATS

SPRING: JAN - MAY

COM417 Introduction to Databases 20 CATS

Spring Pathway Module 20 CATS

SUMMER: MAY - SEPT

Summer Pathway Module 20 CATS

COM423 Systems Analysis & Design Work Based Project 20 CATS

Pathway Modules - Spring

SOFTWARE ENGINEER / IT CONSULTANT: COM422 Software Testing & reliability Engineering

BUSINESS ANALYST / DATA ANALYST: COM418 Data Analysis Tools & Application

NETWORK ENGINEER / CYBER SECURITY ANALYST: COM415 Cyber Security Essentials

Pathway Modules - Summer

IT CONSULTANT / BUSINESS ANALYST: COM419 Web Technologies

NETWORK ENGINEER / CYBER SECURITY ANALYST: COM414 Routing & Switching

SOFTWARE ENGINEERING / DATA ANALYST: COM421 Data Structures, Algorithms and Mathematics

LEVEL 5 (YEAR 2)

WINTER: SEPT - JAN

Winter Pathway Module 20 CATS

Winter Pathway Module 20 CATS

SPRING: JAN - MAY

Spring Pathway Module 20 CATS

Spring Pathway Module 20 CATS

SUMMER: MAY - SEPT

COM530 Work Based Business Organisation & Project Management C20 CATS

COM532 Work Based IT Project Management CATS

Pathway Modules

SOFTWARE ENGINEERING

WINTER

COM528 Object Orientated Design & Development
COM519 Advanced Database Systems

SPRING

COM526 Introduction to AI
COM527 Mobile Application Development

NETWORK ENGINEER

WINTER

COM515 Enterprise Networks
COM511 Network Systems Automation

SPRING

COM512 Network Security
COM513 Network Engineering

CYBER SECURITY SPECIALIST

WINTER

COM521 Ethical Hacking & Pen Testing
COM511 Network Systems Automation

SPRING

COM512 Network Security
COM522 Threat Intelligence Analysis

DATA ANALYST:

WINTER

COM517 Analytics & Business Intelligence
COM519 Advance Database Systems

SPRING

COM529 Economic & Financial Analysis
COM526 Introduction to AI

BUSINESS ANALYST:

WINTER

COM517 Analysis & Business Intelligence
COM519 Advanced Database Systems

SPRING

COM518 Web Application Development
COM524 Digital Marketing

IT CONSULTANT:

WINTER

COM528 Object Oriented Design & Dev
COM519 Advanced Database Systems

SPRING

COM529 Economics & Financial Analysis
COM520 Human Computer Interaction

LEVEL 6 (YEAR 3)

WINTER: SEPT - JAN

Winter Pathway Module 20 CATS

Winter Pathway Module 20 CATS

SPRING: JAN - MAY

Spring Pathway Module 20 CATS

Spring Pathway Module 20 CATS

SUMMER: MAY - SEPT

COM625 Synoptic Work Based IT Project & Presentation 40 CATS

Pathway Modules

SOFTWARE ENGINEERING

WINTER

COM619 DevOps
COM624 Machine Learning

SPRING

COM618 Data Science
COM617 Industrial Consulting Project

NETWORK ENGINEER

WINTER

COM615 Network Management
COM611 Computer Systems & Architecture

SPRING

COM617 Industrial Consulting Project
COM614 Cloud Computing & Visualisation

CYBER SECURITY SPECIALIST

WINTER

COM613 CyberOps
COM615 Network Management

SPRING

COM614 Cloud Computing & Visualisation
COM617 Industrial Consulting Project

DATA ANALYST:

WINTER

COM624 Machine Learning
COM621 UX Strategies

SPRING

COM618 Data science
COM617 Industrial Consulting Project

BUSINESS ANALYST:

WINTER

COM621 UX Strategies
COM618 Data Science

SPRING

BFA619 International Financial Reporting & Analysis
COM617 Industrial Consulting Project

IT CONSULTANT:

WINTER

COM621 UX Strategies
COM619 Dev Ops

SPRING

COM618 Data Science
COM617 Industrial Consulting Project

Core Modules

Pathway Modules

Modules may be subject to revision to maintain currency

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LEVEL 5 (YEAR 2)

SPRING: JAN - MAY

Spring Pathway
Module 20 CATS

Spring Pathway
Module 20 CATS

SUMMER: MAY - SEPT

COM530 Work Based Business
Organisation & Project Management C20 CATS

COM532 Work Based IT Project Management CATS

WINTER: SEPT - JAN

Winter Pathway
Module 20 CATS

Winter Pathway
Module 20 CATS

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COM512 Network Security
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COM520 Human Computer Interaction

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COM519 Advanced Database Systems

SPRING

COM529 Economics & Financial Analysis
COM520 Human Computer Interaction

LEVEL 6 (YEAR 3)

SPRING: JAN - MAY

Spring Pathway
Module 20 CATS

Spring Pathway
Module 20 CATS

SUMMER: MAY - SEPT

Work Based Study

WINTER: SEPT - JAN

Winter Pathway
Module 20 CATS

Winter Pathway
Module 20 CATS

SPRING & SUMMER:
JAN - MAY

COM625 Synoptic Work Based
IT Project & Presentation 40 CATS

Pathway Modules

SOFTWARE ENGINEERING

WINTER

COM619 DevOps
COM624 Machine Learning

SPRING

COM618 Data Science
COM617 Industrial Consulting Project

NETWORK ENGINEER

WINTER

COM615 Network Management
COM611 Computer Systems & Architecture

SPRING

COM614 Cloud Computing & Visualisation
COM617 Industrial Consulting Project

CYBER SECURITY SPECIALIST

WINTER

COM613 CyberOps
COM615 Network Management

SPRING

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COM617 Industrial Consulting Project

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COM621 UX Strategies

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COM617 Industrial Consulting Project

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COM618 Data Science

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COM619 Dev Ops

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