



APPROVED

Awards	
Honours Bachelor Degree	
Mode of Delivery:	Full Time
No. of Semesters :	8
NFQ Level:	8
Programme Credits:	240
Language of Instruction:	English
Department:	Computing and Networking

Semester Schedules

Stage 1 / 60 ECTS / Semester 1

Mandatory	
Module Code	Module Title
ZAPP C1202	Communication Skills
ZCOM C1203	Human Computer Interaction
ZDIG C1201	Introduction to 2D Digital Art
ZMAT C1203	Mathematics for Graphics
ZPRG C1203	Introduction to Programming

Stage 1 / 60 ECTS / Semester 2

Mandatory	
Module Code	Module Title
ZANA C1201	Introduction to Data Analytics
ZDSN C1201	Interaction Design
ZGAM C1201	Concept Art for Games
ZGAM C1202	Game Design
ZPRG C1204	Introduction to Object Oriented Programming

Stage 2 / 60 ECTS / Semester 1

Elective Regulation

Learners may apply to EXIT on completion of this stage of the programme with a Higher Certificate in Science in Computing in Interactive Digital Art and Design (Level 6 Embedded Exit Award) provided they have achieved the required learning outcomes for the level 6 award and have accumulated 120 credits. IT Carlow academic regulations apply

Mandatory	
Module Code	Module Title
DSGN	Animation Principles
MODL	User Interface Testing
PROG	User Interface Programming
MGMT	Project Management

Stage 2 / 60 ECTS / Semester 2

Mandatory	
Module Code	Module Title
DIGI	Introduction to 3D Digital Art
PSYC	Design Psychology
COAC	User Interface Prototyping
DSGN	Web User Interface Design

Stage 3 / 60 ECTS / Semester 1

Elective Regulation

Learners may apply to EXIT on completion of this stage of the programme with a Bachelor of Science in Interactive Digital Art and Design (Level 7 Embedded Exit Award) provided they have achieved the required learning outcomes for the level 7 award and have accumulated 180 credits. IT Carlow academic regulations apply

Mandatory	
Module Code	Module Title
BUSS	Business Processes
MEUS	User Experience Measurement
PRCT	Creative Studio
COAC	Interactive Content Creation
PROG	Advanced User Interface Programming

Stage 3 / 60 ECTS / Semester 2

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

Stage 4 / 60 ECTS / Semester 1

Mandatory	
Module Code	Module Title
PROG	Visual Effects Programming
DSGN	Design Process and Methodology
COACA	Advanced 2D and 3D Character Modeling
PROJ	Project (Part 1 of 2)

Stage 4 / 60 ECTS / Semester 2

Mandatory	
Module Code	Module Title
DSGN	Concept Design
ENVI	Advanced 2D and 3D Environmental Modeling
COACB	Emergent Human Computer Interaction
ENTR	Entrepreneurship
PROJ	Project (Part 2 of 2)

Elective	
Module Code	Module Title
SYST	Blockchain Technology
FALT	Bias in Computational Systems
VISU	Data Visualisation
SCIE	Case Studies in Data Science