Games Development

Glasgow Caledonian University

Content

The BSc (Hons) Games Development course allows you to specialise in one of two key disciplines within the games industry: games software development or games design. The course will provide you with the knowledge, skills and experiences needed to excel as a graduate in the computer games field.

You will select one of two distinct paths within the course, ultimately graduating with either a BSc (Hons) Games Development (Design) or a BSc (Hons) Games Development (Software).

Year 1:
Introduction to Games programming, Introduction to Game Design, Maths for Computer Games, Fundamentals of Computer Systems, Integrated Project 1, Introduction to 3D Modelling, Maths for Computer Games, Fundamentals of Network and Cloud Computing.

Year 2:
Design of Playful Experiences, Working With Game Engines, Integrated Project 2, Human Computer Interaction.

Games Design Stream: Games narrative, Game Content and Level Design.

Games Software Development Stream: Programming Structure and Design, Programming with Unreal Engine.

Year 3:
Game Preproduction Workshop, Integrated Project 3, Research Skills and Professional Issues

Games Design Stream: Game User Research, Serious Games Design, User Psychology.

Games Software Development Stream: Games Programming 1, Game Artificial Intelligence, Games Programming 2.

Year 4:
Honours Project, Portfolio.

Games Design Stream: Experimental Games, Creative Practice, Games System Design.

Games Software Development Stream: Graphics Programming, Network Game Programming, Games Programming 3.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G750

Course Length

4 years

Faculty

School of Computing, Engineering and Built Environment

Department

Applied Computer Games

Entry Requirements

2027 entry requirements

Standard entry: 4 Highers at BBCC including Maths (or Applications of Maths), Computing Science or a science subject.

Widening access entry: 4 Highers at BCCC including Maths (or Applications of Maths), Computing Science or a science subject.

A Foundation Apprenticeship is accepted as equivalent of a non-essential Higher at B.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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