

## Computing and Creative Design

Robert Gordon University

### Content

#### Year 1:

You will take part in a multidisciplinary Foundation Year to understand the breath of subjects offered by the School, to form a community of practice beyond your course, and to be equipped with the right technical knowledge for the more advanced years of your course. In your first year, you will get to grips with the fundamentals of programming devices, as well as the basics of problem solving and modelling. On this course, you get to kickstart your creative, practical and professional development with digital graphics techniques. You can shape your Foundation Year with the subjects you want to study - so you will also get a choice between learning more advanced software development practices, or an introduction to networking.

#### Year 2:

You will further your skills by studying across two streams: your software development will be complemented by web and database development, whilst your design skills will be enhanced through classes on design principles, 2D graphics and animation. You will have the opportunity to merge these streams in specialised classes such as games development.

#### Year 3:

In Year 3, you will expand your design and development skills into 3D graphics modelling and animation, underpinned by theoretical classes on prototyping, usability and team-based project management. You will learn to develop and implement app-based solutions and get a grounding in qualitative and quantitative research methods.

#### Year 4:

In your Honours year, you will work with an academic supervisor on an individual research project in your chosen specialist area. You will learn to critically evaluate your work to a professional standard, and to underpin your work with relevant theories of human computer interaction and data visualisation. This is complemented by specialist classes on games development, audio-visual production and immersive technology including VR and AR.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

BSc Hons

## UCAS Code

P132

## Course Length

4 years

## Department

School of Computing

## Entry Requirements

2023 entry requirements

Standard entry: 4 Highers at BBBC plus English and Maths at National 5.

Entry to year 2 is possible with Advanced Higher Computing Science and a maths based subject at BB.

Widening access entry: 3 - 4 Highers at BBC or BCCC plus National 5 English and Maths.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

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Aberdeen  
AB10 7QB

## Website

[www.rgu.ac.uk](http://www.rgu.ac.uk)