

BSc (Hons) Creative Computing

The degree will provide you with the knowledge of the skills required to make you a creative computing professional. Computer science is an important aspect in modern entertainment, cultural, recreational and arts scene, and this degree will prepare in a more formal manner professionals who wish to join this very exciting industry. Whilst you will learn the basic computer science elements, you will master the techniques of computer multi-media capabilities.

Who is it for?

This degree is designed for a wide range of students, including those who

- Wish to pursue a career in the computing, media, arts and design industry using modern computing tools.
- Wish to gain the research skills to move on to higher studies in the process of new media development.
- You would like to learn how to use and design software applications, using media framework and development tools.

Features of the Degree

This degree is a unique qualification which aims to bridge the knowledge gap between creativity and the power of technology in harnessing the creativity of individuals. It will give you the ability to become a technically competent creative artist, able to use technical tools to creatively produce art, sound & image work.

The degree will be valued by employers who are looking for people who can demonstrate the ability to use computing creatively in the various areas of art and design, especially in the movie and commercial making industry, web site design, as well as in the development of games.

Level ONE

- CIS102** Mathematics for computing
- CIS109** Introduction to Java & object oriented Programming
- CIS110** Introduction to computing & the internet
- CC112** Creative Computing 1: image, sound, motion
- CC001** Mathematics for Business

Level TWO

- CIS209** Database systems
- CIS212** Programming: advanced topics & techniques
- CIS226** Software engineering, algorithm design & analysis
- CC227** Creative Computing 2: interactive multimedia

Level THREE

Three compulsory half units:

- CIS315** Human Computer Interaction
- CC342** Advanced Creative Computing 1
- CC343** Advanced Creative Computing 2

Choose three half units and project:

- CIS310** Artificial intelligence
- CIS311** Neural networks
- CIS314** Software engineering management
- CIS316** Mathematical Techniques of OR
- CIS318** Information systems management
- CIS320** Project
- CIS323** Electronic commerce
- CIS325** Data Compression
- CIS326** Computer security

The **BSc (Hons) Creative Computing** is offered to students under the International Programmes of the University of London. The Lead College of this degree is **GOLDSMITHS COLLEGE**.

St Martin's Institute of IT is an Affiliate Centre of the University of London, offering tuition for BSc(Hons) Creative Computing.

Further information may be obtained from;
St Martin's Institute of IT
Schembri Street, Hamrun HMR 1504 Malta
Phone: +356 2123 5451 Fax: +356 2123 2630
Email: infodesk@stmartins.edu
Web site: www.stmartins.edu



**UNIVERSITY
OF LONDON**

**INTERNATIONAL
PROGRAMMES**

**AFFILIATE
CENTRE**