

Computing Science

Robert Gordon University

Content

YEAR 1

Introduction to Programming, Exploring Computing Devices, Problem Solving, Mathematics for Computing, Software Design and Development, Web Design Technologies, as well as a choice of electives from other courses in the multidisciplinary Foundation Year.

YEAR 2

Advanced Software Design and Development, Database Systems, Real World Projects and Professional Skills, Ethical Hacking, Data Structures and Algorithms, Dynamic Web Development, Internet of Things.

YEAR 3

Interdisciplinary Team Project, Research Methods, Mobile App Development, Big Data Analytics, Artificial Intelligence for Problem-Solving, Computer Security and Cryptography, Web Security, Concurrent Programming.

YEAR 4

Evidencing Employability and choose 1 from the following: Industrial Placement, Study Abroad or Research Placement.

YEAR 5

Individual Project, Languages and Compilers, Advanced Artificial Intelligence, Cloud Computing, Advanced Algorithms and Datasets, Computing Science Research, Network Security.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MSci

UCAS Code

G402

Course Length

5 years

Department

School of Computing

Entry Requirements

2025 entry requirements

Standard entry: 4 Highers at BBBB plus English and Maths at National 5 (if not held at Higher).

Widening access entry: 3 - 4 Highers at BBC or BCCC plus National 5 English and Maths (if not held at Higher).

Advanced entry to year 2 is possible with Advanced Highers at BB including Maths or Computing Science plus National 5 English and Maths (if not held at Higher).

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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