

# FACULTY OF SCIENCE

## DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

### SOFTWARE DEVELOPMENT

**Master of Science in Software Development**  
**Postgraduate Diploma in Software Development**  
**Postgraduate Certificate in Software Development**

*These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).*

#### **Admission**

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
  - i. a first or second class Honours degree from a United Kingdom university; or
  - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

#### **Duration of Study**

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

#### **Mode of Study**

4. The programme is available by full-time study only.

#### **Curriculum**

5. All students shall undertake an approved curriculum as follows:
  - i. for the Postgraduate Certificate – no fewer than 60 credits
  - ii. for the Postgraduate Diploma – no fewer than 120 credits
  - iii. for the degree of MSc – no fewer than 180 credits including a project.

#### **Compulsory Modules**

Module Code	Module Title	Level	Credits
CS995	Introduction to Programming Principles	5	20
CS994	Object Orientated Programming	5	20
CS990	Database Fundamentals	5	10
CS992	Database Development	5	10
CS991	Mobile Application Development	5	20
CS993	Software Engineering	5	20

CS808	Computer Security Fundamentals	5	10
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS958	Project*	5	60
Such other Level 5 modules as may be approved by the Programme Director			

\*Students for the degree of MSc only

### **Examination, Progress and Final Assessment**

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project, where undertaken.

### **Award**

8. Degree of MSc: In order to qualify for the award of MSc in Software Development, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Project CS958.
9. Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Software Development, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Software Development, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.