

Degree of Integrated PhD in Computer Science

Code: 8195F/P

Notes:

- (i) *These programme regulations should be read in conjunction with the University's Doctor of Philosophy (Integrated) Degree Regulations, Doctor of Philosophy Examination Conventions, and Examination Conventions for Taught Masters Degrees.*
- (ii) *A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*
- (iii) *A compulsory module is a module which a student must take.*

1. Programme structure

- (a) The programme comprises a taught element and a research element. The taught element corresponds to a complete existing MSc excluding the individual project, as well as 40 credits of optional modules, resulting in a total of between 130 and 160 credits depending on the chosen MSc. The research element is non-modular.
- (b) The programme is available for study in both full-time and part-time modes.
- (c) The period of study for full-time mode shall be not less than 4 years, starting in September. The period of study for part-time mode shall be not less than 6 years starting in September.
- (d) With the permission of the Degree Programme Director, the duration of study and start dates may be varied under some circumstances.

2. The taught element

- (a) Under full-time mode, taught modules are taken during the first three years of the programme as follows.
- (b) In year 1, candidates take one of five taught pathways offered by the Master's degrees in:

| <i>Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Level</i> | <i>Type</i> |
|-------------|--|----------------------|--------------|-------------|
| 4809 | Bioinformatics and Computational Systems Biology | 105 | 7 | B |
| 5055 | Computing Science | 120 | 7 | B |
| 5056 | Internet Technologies and Enterprise Computing | 90 | 7 | B |
| 5144 | Computer Security and Resilience | 90 | 7 | B |
| 5152 | Computer Games Engineering | 90 | 7 | B |

- (c) In years 2 and 3, candidates shall take at least 40 credits of optional modules from the following:

| <i>Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Level</i> | <i>Type</i> |
|-------------|---|----------------------|--------------|-------------|
| SPG8015 | Enterprise and Entrepreneurship | 20 | 7 | B |
| SPG8016 | Business Enterprise for Postgraduates | 20 | 7 | B |
| MAP8004 | Introduction to Teaching and Learning in Higher Education | 20 | 7 | B |
| MAP8003 | Module Design | 10 | 7 | B |

- (d) Under part-time mode, the pattern of accumulating credits for the taught element may be varied from that shown in (a)-(c) above at the discretion of the Degree Programme director.
- (e) Candidates who have previously completed a relevant MSc programme may, at the discretion of the Degree Programme Director, be awarded up to 75 credits on the basis of prior learning that is deemed to meet the requirement of clause 5(a) below.

3. The research element

- (a) On satisfactory completion of at least 90 credits of the taught component, candidates may proceed to the research element of the programme.
- (b) The research element of the programme comprises an individual research project leading to the submission of a doctoral thesis.

4. Assessment methods

- (a) Details of the assessment pattern for each taught module are explained in the respective module outline.
- (b) The doctoral thesis will be examined by viva voce as specified in the Doctor of Philosophy Examination Conventions.

5. Progression

A candidate's progress shall be reviewed annually by the Board of Examiners.

- (a) In order to progress onto the research element of the programme the candidate must:
- (i) after the application of compensation, have obtained a weighted average mark for the taught modules of at least 60 in a total of at least 90 credits;
 - (ii) have failed no more than 40 credits and;
 - (iii) have no module marks below 40.
- (c) A candidate's subsequent progress shall be determined by:
- (i) an average mark of at least 50 in all taught modules.

- (ii) a satisfactory report from the independent progress panel determined in a manner which is consistent with the University's Code of Practice for Research Degree Programmes.
- (d) On the recommendation of the Degree Programme Director progress may be deemed to be satisfactory notwithstanding failure to satisfy any of the above requirements.

6. Award of a Master's degree

Candidates who are unable to progress to the research element of the programme shall be permitted to undertake the Master's dissertation project corresponding to their chosen taught pathway. Such candidates shall be eligible for the award of the relevant Master's degree if they satisfy the requirements for the award as specified in the Examination Conventions for Taught Masters Degrees.