

# FACULTY OF SCIENCE

## DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

### ARTIFICIAL INTELLIGENCE

**Master of Science in Artificial Intelligence and Applications**  
**Postgraduate Diploma in Artificial Intelligence and Applications**  
**Postgraduate Certificate in Artificial Intelligence and Applications**

*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 in Computer Science or closely related discipline 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**

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
CS982	Big Data Technologies	5	20
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS801	Quantitative Methods for AI	5	10
CS802	Deep Learning and Neural Networks	5	20
CS814	AI for Autonomous Systems	5	20

CS985	Machine Learning for Data Analytics	5	20
CS815	AI for Finance	5	20
CS958	Project*	5	60
Other Level 5 modules as may be approved by the Programme Director			

\*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 Artificial Intelligence and Applications, 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 Artificial Intelligence and Applications, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Artificial Intelligence and Applications, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.