FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

5G ADVANCED COMMUNICATIONS

Master of Science in 5G Advanced Communications
Postgraduate Diploma in 5G Advanced Communications
Postgraduate Certificate in 5G Advanced Communications

These regulations are to be read in conjunction with General Academic Regulations - Postgraduate Taught Degree Programme Level.

Admission

1. Notwithstanding the General Academic Regulations - Postgraduate Taught Degree Programme Level, applicants shall possess:

    i. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
    ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
    iii. have appropriate professional experience.

2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See General Academic Regulations - Postgraduate Taught Degree Programme Level.

Mode of Study

4. The programmes are available by full-time and part-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
    iii. for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
EE969	Digital Signal Processing Principles	5	20
EE986	Assignment and Professional Studies	5	20
EE970	Information Transmission and Security	5	20
EE991	5G Communications Networks	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EE990	MSc Project	5	60

Students who have previously completed any modules from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
EE987	Sensor Technologies	5	20
EE978	Advanced Digital Signal Processing	5	20
EE981	Image and Video Processing	5	20
EE980	Embedded System Design	5	20
EE985	Software Engineering	5	20
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

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 EE990 Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in 5G Advanced Communications, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in 5G Advanced Communications, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.

10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in 5G Advanced Communications, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.