

Programme Regulations 2009/10

Degree of Master of Science in Communications and Signal Processing

Code: 5066

Notes:

- (i) These programme regulations should be read in conjunction with the University's Masters Progress Regulations and Examination Conventions.
- (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 is available for study in full-time mode only
- (b) The period of study for full-time mode shall be 1 year starting in September.
- (c) The programme comprises modules to a credit value of 180.
- (d) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level
EEE8001	Signal Processing and Estimation	15	15			7
EEE8002	Mobile and Cellular Communications	15		15		7
EEE8003	Advanced Modulation and Coding Techniques	15	15			7
EEE8041	Simulation of Wireless Communications (Course Work)	5	5			7
EEE8092	Sensor Network Group Project (Course Work)	10	10			7
EEE8091	Implementation of Wireless Receiver Algorithms	10		10		7
EEE8096	Research methods	20	10	10		7
EEE8097	Individual Project	60			60	7

- (e) All candidates shall take further optional modules to a value of 30 credits from the following:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level
EEE8008	RF Engineering	15		15		7
EEE8009	Wired and Wireless Network Technologies	15		15		7
EEE8010	Advanced Multimedia Systems	15		15		7
EEE8020	Advanced VLSI Design	15		15		7
EEE8064	Biometrics and Recognition	15		15		7

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.