

Programme Regulations: 2021/22

Programme Titles:

Degree of Master of Science in Microelectronics: Systems and Devices - Code: 5393F

Degree of Master of Science in Microelectronics – Code: 5060F*

Notes:

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.*
- (iii) *A compulsory module is a module which a student must take.*
- (iv) **Programme title "Master of Science in Microelectronics" code 5060F, is only available to candidates who commenced their studies up to and including September 2018.*

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	Type
EEE8088	Reconfigurable Hardware Design	20	20			7	Block
EEE8087	Real Time Embedded Systems	20	20			7	Block
EEE8097	Individual Project	60		10	50	7	
EEE8123	Advanced Electronic Devices	20	20			7	Block
EEE8124	Low-Power VLSI Design	20		20		7	Block
EEE8125	Advanced Device Fabrication	20		20		7	Block
EEE8127	Microelectronics Design Tools	20		20		7	Block

2. Assessment methods

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

*For the purpose of professional accreditation, the University's Education Committee has approved a variation in Postgraduate (Taught) Examination Convention G.92 to the effect that a candidate who passes all core modules and fails up to 20 credits of non-core modules is recommended, as of right, for the award of an appropriate Master's degree or Postgraduate Diploma, **provided that no mark is below 40** and the weighted average mark for all modules and all non-modular aggregated assessment is at least 50.*