

Programme Regulations: 2024/25

Programme Titles:

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

Degree of Master of Science in Electronic Engineering – Code 5468F*

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) Degree of Master of Science in Electronic Engineering - Code: 5468F, is a non-accredited Masters degree title awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and not the requirements of accreditation.

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	Core for PSRB Accreditation	Core for outcomes	Level	Type
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
EEE8165	Research Skills and Development for Engineers	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 to the Taught Programme Regulations to the effect that a candidate who passes all modules and fails up to 20 credits 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.*

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