

Programme Regulations: 2024/25

Programme Titles:

Degree of Master of Science in Electrical Power: Code: 5059F

Degree of Master of Science in Electrical Engineering: Code 5467F*

Notes:

- (i) These programme regulations should be read in conjunction with the University's Taught Programme Regulations.
- (ii) A core module for outcomes is a module which a student must pass.
- (iii) A core module for PSRB accreditation is a module a student is required to obtain accreditation.
- (iv) A compulsory module is a module which a student is required to study.
- (v) All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.
- (vi) If a candidate is a graduate of Newcastle University the candidate is not permitted to take a module which has already been taken as part of another programme. In such a case the Degree Programme Director shall substitute appropriate modules.
- (vii) *Degree of Master of Science in Electrical Engineering - Code: 5467F, 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 period of study for full-time mode shall be one year starting in September.
- (b) The programme comprises modules to a credit value of 180.
- (c)
- (d) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Core for PSRB Accreditation	Core for outcomes	Type
EEE8097	Individual Project	60		10	50	7			
EEE8147	Advanced Power Electronics and Applications	20	20			7			Block
EEE8149	Power Systems Operation & Analysis	20		20		7			Block
EEE8154	Control of Electric Drives	20	20			7			Block
EEE8155	Designing sustainable electric propulsion and generation systems	20		20		7			Block
EEE8157	Renewable Energy Systems and Smart Grids	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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