

## ProgrammeRegulations:2023/2024

### Programme Title:

**Degree of Master of Science in Transport Engineering, Planning and Management - Code: 5440F/P (September) and 5439F/P (January)**

**Degree of Master of Science in Transport Management – Code: 5471F\***

#### Notes

- (i) *These programme regulations should be read in conjunction with the University's Postgraduate (Taught) Progress Regulations and Examination Conventions.*
- (ii) *A compulsory module is a module which a student is required to study.*
- (iii) *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.*
- (iv) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

\*Degree of Master of Science in Transport Management – Code: 5471F, is a non-accredited Masters degree title awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions and not the requirements of accreditation.

### 1. Programme Structure

- (a) The programme is available for study in both full-time and part-time modes.
- (b) The period of study for full-time mode shall be 1 year normally starting in September or January. The period of study for part-time mode on these programmes shall normally be 2 years.
- (c) The programmes comprise 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	Mode
CEG8417	European Study Tour	10		10		7	Block
CEG8422	Intelligent Transport Systems	10	10			7	Block
CEG8423	Transport Research Methods	10	10			7	Block
CEG8403	Design of Transport Infrastructure	10		10		7	Block
CEG8419	Transport Modelling and Forecasting	10	10			7	Block
CEG8421	Traffic Flow and control	10		10		7	Block
CEG8427	Behavioural Models for Individual Choices	10	10			7	Block
CEG8436	Transport Policy and Planning	10	10			7	Block
CEG8496	MSc Project and Dissertation in Transport Engineering	60	10		50	7	

- (e) All candidates on the **Transport Systems Planning Stream** will take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Mode</i>
CEG8408	Railway Management, Economics and Planning	10		10		7	Block
CEG8410	Road Safety	10		10		7	Block
CEG8431	Technologies for Future Mobility	10		10		7	Block
CEG8435	Data collection and survey methods	10		10		7	Block

(f) All candidates on the **Infrastructure Stream** will take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Mode</i>
CEG8435	Data collection and survey methods	10		10		7	Block
CEG8408	Railway Management, Economics and Planning	10		10		7	Block
CEG8410	Road Safety	10		10		7	Block
CEG8431	Technologies for Future Mobility	10		10		7	Block

(g) All candidates on the **Business Management Stream** will take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Mode</i>
SPG8016	Design, Innovation and Entrepreneurship in Science and Engineering	20		20		7	Block
CEG8408	Railway Management, Economics and Planning	10		10		7	Block
CEG8410	Road Safety	10		10		7	Block

## 2. Alternative Modules

With the approval of the Degree Programme Director and depending upon the academic background of the candidate alternative modules to those listed above may be selected to a maximum of 20 credits. If a candidate is a graduate of Newcastle University they are not permitted to take any module which has already been taken as part of another programme. In such a case the Degree Programme Director shall substitute appropriate modules.

## 3. 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

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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.