

Programme Regulations: 2021/2022

Programme Title:

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

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.*

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
CEG8425	Public Inquiry into a Transport Scheme	10		10		7	Block
CEG8432	Transport Modelling and Traffic Flow	20	20			7	Block
CEG8435	Data collection and survey methods	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:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Mode
CEG8410	Road Safety	10		10		7	Block
CEG8427	Behavioural Models for Individual Choices	10		10		7	Block

CEG8431	Technologies for Future Mobility	10		10		7	Block
CEG8408	Railway Management, Economics and Planning	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>
CEG8403	Design of Transport Infrastructure	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
CEG8427	Behavioural Models for Individual Choices	10		10		7	Block
CEG8431	Technologies for Future Mobility	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 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.