Programme Regulations: 2025/2026

Programme Titles:
Degree of Master of Science in Transport Engineering, Planning and Management - Code: 5440F/P (September)*
Degree of Master of Science in Transport Management – Code: 5471F**

Notes

(i)   These programme regulations should be read in conjunction with the University's Taught Programme Regulations

(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.

(v)   * Programme coded 5440P is withdrawn from entry as of September 2025.

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

1.   Programme Structure

(a)   The programme is available for full-time study.

(a)   The period of study for full-time mode shall be 1 year normally starting in September. The period of study for part-time mode on these programmes shall normally be 2 years.

(b)   The programmes comprise modules to a credit value of 180.

(c)   All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Mode
CEG8096	MSc Project and Dissertation	60	3	7	50	7	
CEG8419	Modelling and Analysis of Travel and Transport Behaviour	10	10			7	Block
CEG8421	Traffic Flow and Control	10	10			7	Block
CEG8422	Connected, Automated and Intelligent Transport Systems	10	10			7	Block
CEG8423	Transport Research Methods	10	10			7	Block
CEG8431	Technologies for Future Mobility	10		10		7	Block
CEG8435	Data Collection, Survey Methods and Evaluation	10		10		7	Block
CEG8436	Transport Policy and Planning	10	10			7	Block
CEG8437	Human Systems Engineering for Transport	10	10			7	Block
CEG8438	Understanding the Transport Industry Through Stakeholder Engagement	10		10		7	Block
CEG8705	Geographic Information Systems (GIS)	10		10		7	Block

SPG8016	Design, Innovation and Entrepreneurship in Science and Engineering	20		20		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 to the Taught Programme Regulations 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.