I chose the Masters course at Monash University because I knew that in my chosen area of transport engineering, my undergraduate course had only been able to “scratch the surface” of the range of technical disciplines that underpin and interface with transport engineering.

During my master’s course, I developed significant new skills in statistics, economic policy, and survey methods, as well as the core technical areas such as transport modelling, transport planning, and transport technology.”

Anita Curnow | Executive Director, Access and Operations, Vic Roads
Course details
The Master of Transport and Traffic is built around five core units and with the electives you have the scope to study a range of topics or build a specialisation in transport planning or traffic engineering.

Core units (each 6 credit points)
- CIV5202 Traffic engineering and management
- CIV5303 Quantitative Methods
- CIV5308 Transport and Traffic Systems Project
- CIV5309 Transport and Traffic Data
- CIV5314 Planning Urban Transport Systems

Elective units (at least 3, each 6 credit points)
- CIV5301 Advanced traffic engineering
- CIV5304 Intelligent transport systems
- CIV5305 Travel demand modelling
- CIV5310 Infrastructure project and policy evaluation
- CIV5311 Infrastructure project management
- CIV5312 Asset management I
- CIV5313 Asset management II
- CIV5315 Transport economics
- CIV5316 Fundamentals of urban public transport

Postgraduate units from other Faculties at Monash or other Universities may also qualify as electives.

Entry and completion requirements
To be eligible for admission you must hold a Bachelor’s Degree in engineering or another relevant discipline. Since the transport field is fundamentally multidisciplinary, students enter this program from a range of backgrounds including engineering, science, planning and the humanities.

The course comprises 72 credit points, consisting of five core units (30 credit points) and electives. Students holding the equivalent to a Bachelor of Engineering may be eligible for up to 24 credit points of advanced standing and so those students would only need to complete 48 credit points (5 core units plus three electives) to obtain the Master of Transport and Traffic.

Visit the website for more details: monash.edu/engineering/transport

English language requirements
For entry to Monash University, you must meet the minimum English language requirements: monash.edu/admissions/english-language-requirements

Off-campus delivery
This program is delivered on-line, that is students study off-campus for this degree. International students can enrol in this program but they are not eligible for a student visa to live in Australia while they study. Units are delivered on-line via distance education. There are no classes to attend.

Through unit specific websites students have access to structured learning resources and complete a range of individual and/or group learning activities each week. The learning resources include video presentations, topic notes and required readings. Some units specify a required textbook. Interact on-line with academic staff and other students. You will submit your assignments on-line and take your exams at an exam venue close to your home.

Apply
For more information visit: monash.edu/engineering/transport

Students can enter for Semester 1 (March to May) or Semester 2 (July to October)

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