

CARRRS

Road Safety Studies and Professional Development

through services offered by the Centre for Accident Research & Road Safety - Queensland

Training opportunities

The Centre for Accident Research and Road Safety - Queensland (CARRS-Q) is based at Queensland University of Technology in Brisbane and is a member of the Injury Prevention and Rehabilitation Domain of the Institute of Health and Biomedical Innovation (IHBI).

CARRS-Q was established in 1996 as a joint venture initiative of the Queensland Government's Motor Accident Insurance Commission (MAIC) and Queensland University of Technology. Working with and on behalf of government, industry and the community, the Centre's brief is to undertake innovative research and deliver high quality education programs to improve road safety and reduce deaths and injuries at the local, national and international level.

In its first decade, it has grown to become the premier institution for the education of road safety professionals in Australia, and one of the leading institutions of its type in the world.

Its visionary approach, quality standards and innovative initiatives make it an award-winning Centre which conducts high quality, independent research and education, extends tertiary learning opportunities, and develops and delivers unique community-based behaviour change initiatives.

The need for education in road safety

There is a growing need for specialised training in the field of road safety. Road crashes are a leading cause of accidental death and injury around the world and result in significant personal and financial costs to the community.

There is a growing international recognition of the need to address this issue in a coordinated and evidence-based manner.

Road safety practitioners work in a variety of areas including government, industry and the community and play a vital role in shaping the future of safety on our roads, and protecting lives in our community.

The Road Safety Short Courses have been designed to foster expertise in road safety by providing specialist, multidisciplinary training at the postgraduate level.

"Road safety is a vital community issue and the need for road safety advice that is accurate and supported by reputable research is paramount. This program will provide not only formal recognition of existing skills, but also ensure that skills and knowledge are in keeping with current theory and practice".

Professor Barry Watson, Director, CARRS-Q

Short Courses in Road Safety

CARRS-Q's Road Safety Short Courses foster specialist and multidisciplinary skills and knowledge in the fields of road safety, accident prevention and traffic and transport improvements.

The programs are relevant both to those already employed by government or industry, as managers, practitioners or researchers, and also those seeking to enter those fields.

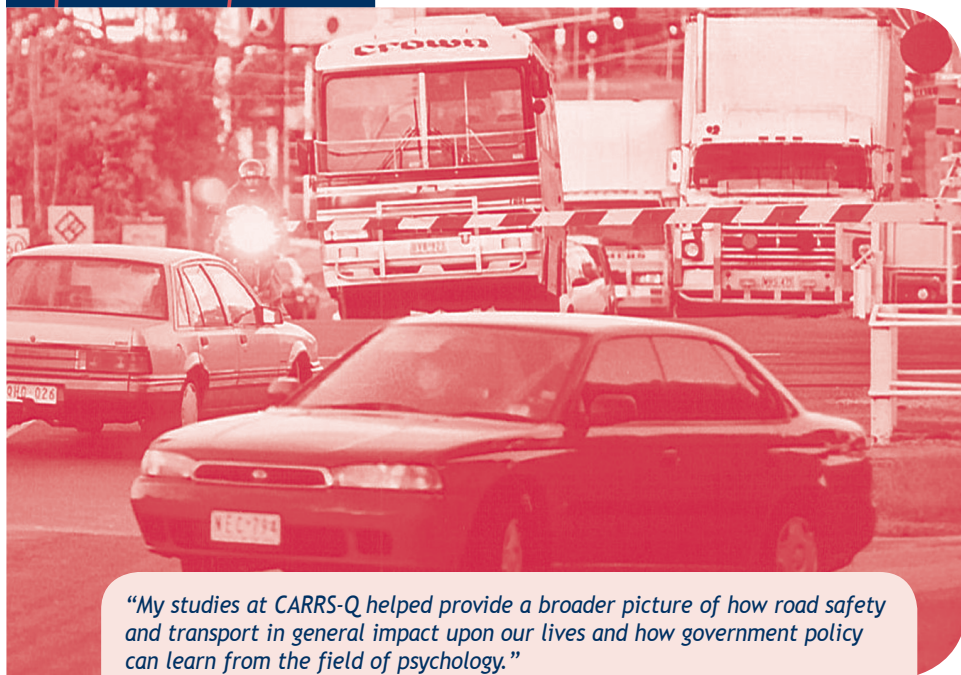
Students become conversant with real-world safety problems with input from psychology, public health, optometry, civil and mechanical engineering staff, as well as guest lecturers from government and industry (eg. departments of transport and police, and the insurance industry).

Am I a suitable candidate?

The courses are most relevant to:

- People working in the field of road safety;
- Managers responsible for road safety improvements;
- Practitioners from related traffic, transport or injury prevention fields; and
- People wanting to move into the road safety field.

Though there are no specific pre-requisites to enrol in the short courses, candidates should demonstrate an acceptable level of English proficiency (IELTS 6.5 or equivalent).



"My studies at CARRS-Q helped provide a broader picture of how road safety and transport in general impact upon our lives and how government policy can learn from the field of psychology."

Dr Graham Fraine
Acting Director (Transport Policy Office), Queensland Transport

Available courses

ROAD SAFETY AUDIT, INVESTIGATION AND TREATMENT OF CRASH LOCATIONS (PYP408)

- Duration:** 5 days
Venue: QUT - Kelvin Grove Campus, Brisbane
Cost: Standard unit fees will apply to students currently enrolled in a QUT Graduate Certificate or Masters course, but the fee for external attendees is AUD\$1,700.00* (includes GST, course notes, morning & afternoon teas & lunches)
Enquiries: Gordon Lee, phone (07) 3834 5549

The Road Safety Audit is a powerful road safety tool by which the safety of a road network can be improved in a proactive manner and has been adopted by Australian Road Authorities for many years. It complements the traditional reactive Accident Black Spot Program and is recognised as an effective tool for improving road safety. Both locally and nationally, road authorities have identified a need for suitably skilled people to undertake road safety audits. Offered by CARRS-Q and supported by QUT and the Queensland Government's Department of Main Roads, this course will provide participants with a good understanding of the principles of road safety audit and general road safety, and the necessary skills to conduct road safety audits. Delegates will be awarded a Certificate of Completion.

EVALUATION MODULE I: PRINCIPLES & PRACTICE

- Duration:** 3 days
Venue: QUT - Kelvin Grove Campus, Brisbane
Cost: AUD\$972.00* (includes GST)
Enquiries: CARRS-Q Education Administrator
phone (07) 3138 4592 or
email roadsafetycourses@qut.edu.au

The Evaluation Module I: Principles to Practice short course aims to provide delegates with the fundamental principles and best practices relevant to road safety evaluation. Delegates will gain a firm understanding of a variety of critical issues involved in designing and conducting a qualitative or quantitative study and the pros and cons of some commonly used research methods. These skills will enable delegates to conduct basic evaluation, select suitable research consultants and assess evaluation reports. Delegates will be awarded a Certificate of Completion. This module can be coupled with Evaluation Module II: Foundations of Data Analysis (which will run immediately following this course). Completion of both modules, plus the successful completion of formal assessment will enable participants to receive credit towards QUT's PYP405: Road Safety Evaluation Unit.

EVALUATION MODULE II: FOUNDATIONS OF DATA ANALYSIS

- Duration:** 2 days
Venue: QUT - Kelvin Grove Campus, Brisbane
Cost: AUD\$648.00* (includes GST)
Enquiries: CARRS-Q Education Administrator
phone (07) 3138 4592 or
email roadsafetycourses@qut.edu.au

The Evaluation Module II: Foundations of Data Analysis short course aims to provide delegates with a firm understanding of the theory underlying research design, data collection and data analysis methods for both qualitative and quantitative data. This course will help delegates conduct a simple but statistically or qualitatively rigorous evaluation, assist their selection of research consultants and assess the quality of evaluation reports. Delegates will be awarded a Certificate of Completion. This module can be coupled with Evaluation Module I: Principles to Practice (which will run immediately before this course).

Completion of both modules, plus the successful completion of formal assessment will enable delegates to receive credit towards QUT's PYP405: Road Safety Evaluation Unit.

ROAD SAFETY EVALUATION MODELS (PYP405)

Delegates interested in having the evaluation short courses credited for the PYP405: Road Safety Evaluation Models Unit offered by QUT will need to complete both the Evaluation Module I: Principles & Practice short course and the Evaluation Module II: Foundations of Data Analysis short course and formal assessment. These two short courses run consecutively in a five day block.

Why should I consider the courses?

The benefits to course participants include:

- Developing analytical skills and logical approaches to problem solving in road safety;
- Enhancing potential for career development;
- Obtaining a recognised road safety qualification, while remaining in full-time employment;
- Attaining a wider knowledge and awareness of the role of road safety in government, industry and the community; and
- Fostering valuable contacts with road safety experts.

Organisations are encouraged to consider sponsoring staff to participate in the short courses in order to:

- Benefit from the application of new road safety policy and research skills, ideas and concepts;
- Be rewarded in the workplace with better trained staff, with potential for promotion and increased responsibility; and
- Retain valuable staff by offering them appropriate training.

Who is running the program?

The short courses were developed by and are run by the Centre for Accident Research and Road Safety - Queensland (CARRS-Q), a joint initiative of the Motor Accident Insurance Commission and Queensland University of Technology.

The short courses are delivered by:

- Specialised staff from within CARRS-Q and other areas of QUT; and
- Expert guest lecturers from university, government and non-government organisations.

Tailored short courses

If adequate interest exists, it may be possible for providers to run the short courses in alternative venues. Why not rally your colleagues and host a course in your own local area? Alternative road safety short course topics can also be tailored to your organisational needs. To discuss these opportunities, please contact us.

Further information and application

Enrolments open in September and the short courses are held in November each year. For further information and to obtain course application forms, please contact:

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