Graduate Diploma in Road Safety (PY41)

Year offered: 2012
Admissions: Yes
CRICOS code: 040335A
Course duration (full-time): 2 semesters
Course duration (part-time): 4 semesters
Course duration (external): 2 semesters (full-time) or 4 semesters (part-time)
Domestic Fees (indicative): 2012: $7500 (indicative) per Semester
International Fees (indicative): 2012: $11,200 (indicative) per Semester
Domestic Entry: February (full-time and part-time) and July (external full-time or part-time; internal full-time* or part-time) *full-time option is only for candidates that have completed the GradCertRoadSafety
International Entry: February and July (external full-time; internal full-time if GradCertRoadSafety completed)
Total credit points: 96
Standard credit points per full-time semester: 48
Standard credit points per part-time semester: 24
Course coordinator: Enquiries to psychology@qut.edu.au or 07 3138 4520
Campus: Gardens Point, Kelvin Grove and External

Entry with Advanced Standing
Advanced standing will be given, on a case by case basis, for road safety-specific units in postgraduate courses including QUT's Graduate Certificate in Civil Engineering; New England/Murdoch/Edith Cowan Universities' Graduate Certificate or Graduate Diploma in Road Safety. Undergraduate units will not be recognised.

Course Structure
The Graduate Diploma in Road Safety course consists of two core units plus six electives. The program structure is designed to be flexible and accessible. The majority of the units are delivered on a semester basis, although two are available in intensive week-long blocks. The program has recently been enhanced with the introduction of distance education delivery for select units.

International Student Entry
This course is only available to international students in external mode, studying from overseas. Two of the units require on-campus block attendance at QUT in Brisbane for a period of one week (two weeks in total).

Further Information
For more information about this course, please contact the School of Psychology and Counselling on +61 7 3138 4520 or email psychology@qut.edu.au

Full-Time Course Structure

Year 1, Semester 1

| PYP401 | Introduction to Road Safety and three of the following units |
| PYP402 | Traffic Psychology and Behaviour |
| PYP404 | Applying Traffic Psychology |
| PYP405 | Road Safety Evaluation Models |
| PYP407 | Independent Study |
| PYP408 | Road Safety Audit - Investigation and Treatment of Crash Locations |

Traffic Engineering elective
Elective as approved by Course Coordinator

Year 1, Semester 2

| PYP406 | Road Safety Theory to Practice and three of the following units not previously taken |
| PYP402 | Traffic Psychology and Behaviour |
| PYP404 | Applying Traffic Psychology |
| PYP405 | Road Safety Evaluation Models |
| PYP407 | Independent Study |
| PYP408 | Road Safety Audit - Investigation and Treatment of Crash Locations |

Elective as approved by the Course Coordinator

Notes
PYP401, PYP402, PYP404 and PYP406 are offered in external mode in additional semesters.

UNIT SYNOPSES

PYP401 INTRODUCTION TO ROAD SAFETY
This unit introduces the key principles and practices in road safety. Special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. It introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove Teaching period: 2012 SEM-1, 2012 6TP4
and 2012 SEM-2

PYP402 TRAFFIC PSYCHOLOGY AND BEHAVIOUR
This unit reviews the wide range of factors that influence the behaviour of road users, particularly those that contribute to
the incidence of road crashes or exacerbate their severity. It
considers all types of road users, including motor vehicle
drivers and passengers, motorcycle riders, cyclists and
pedestrians. A range of theoretical models are examined
which have been used to explain the behaviour of road
users.
Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2012 SEM-1 and 2012 SEM-2

PYP404 APPLYING TRAFFIC PSYCHOLOGY
This unit reviews the various strategies and programs
designed to modify road user behaviour. Effective and
ineffective approaches is compared, in order to identify the
key characteristics of successful programs. While this is a
stand-alone unit, it extends many of the theoretical and
practical issues covered in PYP402 - Traffic Psychology and
Behaviour.
Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2012 SEM-2 and 2012 SUM

PYP405 ROAD SAFETY EVALUATION MODELS
This unit introduces the models and methods used to
evaluate behaviour change interventions. In particular, it
addresses the systematic application of social and
behavioural research methodologies to improve the
planning, implementation and monitoring of behavioural
road safety programs and counter measures.
Credit points: 12  Contact hours: Block Mode  Campus: Kelvin Grove  Teaching period: 2012 SUM-1

PYP406 ROAD SAFETY THEORY TO PRACTICE
This unit is undertaken in the latter half of both the Graduate
Certificate and Graduate Diploma courses and draws
together the various themes developed during the program.
It is designed to provide students with an opportunity to
study and respond to an existing or emerging road safety
problem. The student is required to draw on the knowledge
and skills they have developed to investigate and
recommend solutions to the problem. As far as possible, the
unit is designed to reflect the way road safety problems are
approached and managed by road safety agencies.
Prerequisites: PYP401  Credit points: 12  Contact
hours: 12 per semester, plus weekly contact with the Unit
Coordinator  Campus: Kelvin Grove  Teaching period:
2012 SEM-1 and 2012 SEM-2

PYP407 INDEPENDENT STUDY
This unit enables students to undertake an independent
study based in their places of work. Individual supervision
and objective feedback on the experience is an important
component of the learning experience.
Credit points: 12  Contact hours: Weekly contact with
Supervisor  Campus: Kelvin Grove and External
Teaching period: 2012 SEM-1, 2012 SEM-2 and 2012 SUM

PYP408 ROAD SAFETY AUDIT - INVESTIGATION AND
TREATMENT OF CRASH LOCATIONS
Road Safety Audit is a powerful tool for improving the safety
of the road network in a proactive manner. It complements
the more traditional reactive approaches such as black spot
programs. Although Road Safety Audit has been utilised by
Australian road authorities for a number of years, there
remains a lack of suitably skilled people to conduct the
audits.

Consequently, the road authorities (through AUSTROADS)
have developed national criteria for the Accreditation of
Road Safety Auditors, which include the completion of an
approved training course and the obtaining of relevant
experience. This course has been designed in conjunction
with the Queensland Department of Main Roads to satisfy
all the requirements for an approved road safety audit
course.

Credit points: 12  Campus: Kelvin Grove  Teaching
period: 2012 SUM-1