Bachelor of Nursing / Bachelor of Health Science (Paramedic) (HL49)

Year offered: 2011
Admissions: Yes
Course duration (full-time): 4 years
Domestic Fees (indicative): 2011: CSP $3,011 (indicative) per semester
Domestic Entry: February
QTAC code: 425992
Past rank cut-off: 88
Past OP cut-off: 7
Assumed knowledge: English (4, SA)
Preparatory studies: For information on acquiring assumed knowledge visit http://www.qut.edu.au/assumed-knowledge

Total credit points: 408
Course coordinator: Enquiries to email nursing.enquiries@qut.edu.au - phone 07 3138 3824; or sph.studentcentre@qut.edu.au - 07 3138 3368
Campus: Kelvin Grove

Professional recognition
The course meets the requirements for accreditation by the Australian Nursing and Midwifery Council. Graduates meet the requirements for registration by the Nursing and Midwifery Board of Australia and are also eligible for membership of the Royal College of Nursing, Australia (RCNA).

The Australian Health Practitioner Regulation Agency (AHPRA) requires that graduates demonstrate English language skills at IELTS level 7 or equivalent before being considered for professional registration. For further information visit the AHPRA website: http://www.ahpra.gov.au/Registration/Registration-Process/Registration-Requirements.aspx

Please refer to the Nursing and Midwifery Board of Australia website http://www.nursingmidwiferyboard.gov.au/Registration-Standards.aspx for additional information on the Board's Registration Standards.

Graduates are eligible to apply to the Australian College of Ambulance Professionals for admission as a professional member.

Student registration
QUT automatically registers students enrolled in this course with the Nursing and Midwifery Board of Australia in accordance with the Health Practitioner Regulation National Law Act 2009. Details about student registration are available from the Australian Health Practitioner Regulation Agency at www.ahpra.gov.au

Other course requirements

blue card: As required by the Commission for Children and Young People and Child Guardian Act (2000) students must undergo a criminal history check and be issued with a Suitability Card (Blue Card) before commencing field experience/practicum in an organisation where they may work with children or young people. This is a mandatory requirement that must be met prior to undertaking any field experience/practicum program throughout your course. For more information, visit http://student.qut.edu.au/studying/jobs-and-work-experience/work-experience-and-placements/blue-cards.

The nursing clinical practice units require students to undertake block practicums of two or more weeks duration. Block practicums may be scheduled during semester breaks. Students will be required to wear a uniform including suitable footwear while on clinical practice. Students enrolling in this program are required to complete a course of vaccinations for Hepatitis B before commencing field experience/practicum. Students must undergo a criminal history check and be issued with a Suitability Card (Blue Card) before commencing field experience/practicum in an organisation where they may work with children or young people. This is a mandatory requirement that must be met prior to undertaking any field experience/practicum program throughout your course. For more information, visit http://student.qut.edu.au/studying/jobs-and-work-experience/work-experience-and-placements/blue-cards.

The Queensland Ambulance Service specifies the following requirements before students can undertake a clinical placement with this Service. Information outlining these requirements will be available to all prospective applicants. Students will be provided with detailed information during semester one of first year.

a) Health Assessment - One role performed by paramedics is patient transport involving the use of a commercial vehicle. This requires different medical standards than those required of a private vehicle driver. Student paramedics may be required to drive an ambulance while undertaking the clinical practice units and as such will be required to undergo an "Assessment of Fitness to Drive a commercial vehicle" by a medical practitioner. All costs associated with health assessment are the responsibility of the applicant.

b) Criminal History - Applicants will be required to have a Police Records Check undertaken with the associated costs being the responsibility of the applicant.

c) Health Related Fitness Assessment - A large component of a Paramedic's work involves manual handling, which is...
defined as any activity requiring a person to lift, lower, push, pull, carry, move, hold or restrain any animate or inanimate object. Paramedics frequently perform all of these functions with patients weighing up to and over 150kg, while implementing various pre-hospital emergency care procedures. As such, students will be required to undergo a fitness assessment to ensure they possess the cardiovascular and muscular abilities to perform the role of a Paramedic.

d) Immunisations - It is a requirement for any student to be immunised against Hepatitis B before undertaking a placement in a Queensland Health facility. In addition to the above, QAS strongly advises students to be immunised against the following before undertaking a clinical placement: Tetanus, Measles, Mumps, Rubella, and Poliomyelitis.

**Additional costs**

For the nursing component: $550
Uniform, footwear, first aid course, hepatitis B vaccination.

For the Paramedic component: $1,200
Uniform, health and fitness assessments, criminal record check, immunisations, psychometric assessment, equipment.

**Limits on grades of 3**

A new policy concerning grades of 3 came into effect from 1 January 2009 (QUT MOPP C/5.2). With effect from this date grades of 3 are no longer considered a conceded or low pass but are classified as a fail grade. Any grades of 3 awarded prior to 1 January 2009 retain the conceded pass status and will be counted for graduation purposes up to the maximum number of grades of 3 permitted for your course. Grades of 3 incurred in units that commence after 1 January 2009 will not count towards your degree. Further information is available on the Student Services website

**Further information**

For detailed information about this double degree, please call the School of Nursing and Midwifery +61 7 3138 3824 or email nursing.enquiries@qut.edu.au or the School of Public Health +61 7 3138 3368 or email sph.studentcentre@qut.edu.au

**Deferment**

Domestic students can defer their offer in this course for one year. In exceptional circumstances up to 12 months of additional deferment may be granted.

Find out more on deferment.

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**OP Guarantee**

The OP Guarantee does not apply to this course

**Course structure - full-time**

**Year 1, Semester 1**
- LSB182  Bioscience 1
- NSB225  Health, Human Development and Ageing
- PUB180  Foundations of Paramedic Practice 1
- PYB007  Interpersonal Processes and Skills

**Year 1, Semester 2**
- LSB282  Bioscience 2
- NSB113  Diversity and Health: Introduction to Indigenous and Multicultural Perspectives
- PUB251  Contemporary Public Health
- PUB280  Foundations of Paramedic Practice 2

**Summer Semester**
- PUB270  Paramedic Clinical Practice 1

**Year 2, Semester 1**
- LSB382  Bioscience 3
- LSB384  Pharmacology For Health Professionals
- PUB390  Paramedic Management of Medical and Surgical Emergencies A
- PUB391  Paramedic Management of Medical and Surgical Emergencies B

**Year 2, Semester 2**
- NSB118  Foundations of Nursing Practice
- NSB122  Clinical Practice 1
- PUB450  Paramedic Management of Trauma Emergencies
- PUB486  Ethics and the Law in Health Service Delivery

**Year 3, Semester 1**
- NSB324  Health Alterations and Nursing 1
- NSB212  Clinical Practice 2
- PUB470  Paramedic Clinical Practice 2
- PUB555  Paramedic Management of Infectious Diseases, Toxicological and Environmental Emergencies

**Year 3, Semester 2**
- NSB223  Mental Health Nursing
- NSB222  Clinical Practice 3
NSB423 Health Alterations and Nursing 2
Summer Semester

PUB570 Paramedic Clinical Practice 3

Year 4, Semester 1

NSB322 Clinical Practice 4
NSB500 Health Alterations and High Dependency Nursing
PUB550 Paramedic Management of Obstetric, Paediatric and Behavioural Emergencies
HLB400 Transition to Professional Practice

Year 4, Semester 2

NSB333 Clinical Practice 5
PUB670 Internship (Paramedic Clinical Practice)

Potential Careers:
Nurse, Paramedic.

UNIT SYNOPSISES

LSB182 BIOSCIENCE 1
The aims of this unit are to provide you with a clear understanding of anatomical terminology used in the health professions; provide you with a strong background enabling you to apply concepts of anatomy, physiology, microbiology and introductory pharmacology to your future studies of diseases and their treatment; provide an introduction to infectious agents that impact on human health and infection control.

Antirequisites: LSB131, LSB142 Credit points: 12
Contact hours: 5 per week Campus: Kelvin Grove and Caboolture Teaching period: 2011 SEM-1 and 2011 SEM-2

LSB282 BIOSCIENCE 2
The aims of this unit are to provide you with a clear understanding of the pathophysiological processes resulting in altered health and disease states, and to introduce you to the host immune mechanisms which respond to foreign invaders within the body or result in disease states.

Prerequisites: LSB182 or (LSB131 and LSB231) Credit points: 12 Contact hours: 4 per week Campus: Kelvin Grove and Caboolture Teaching period: 2011 SEM-2

LSB384 PHARMACOLOGY FOR HEALTH PROFESSIONALS
Health professionals such as Nurses, Paramedics, Podiatrists and Optometrists require a detailed understanding of the pharmacological properties of the medicines that are used daily in the treatment of patients under their care. This unit introduces students to the discipline of pharmacology by examining the interaction of drugs with biological systems. An understanding of pharmacology is fundamental to a student’s understanding of pharmaceutical products in terms of efficacy and safety and provides a rationale for their therapeutic use.

Prerequisites: (LSB111 or LSB282 or LSB382 (NS40)) or (LSB475 (OP45)) or (LSB235 and LSB250 (PU43 Podiatry))
Credit points: 12 Contact hours: 4 per week Campus: Kelvin Grove and Caboolture Teaching period: 2011 SEM-1 and 2011 SEM-2

NSB113 DIVERSITY AND HEALTH: INTRODUCTION TO INDIGENOUS AND MULTICULTURAL PERSPECTIVES
This unit provides students with foundational understandings in culture and its implications for health care. It includes four modules - culture, self and diversity; understanding and valuing Aboriginal and Torres Strait Islander cultures; Aboriginal and Torres Strait Islander health and wellness; and migrant health issues.

Credit points: 12 Contact hours: 3 per week Campus: Kelvin Grove Teaching period: 2011 SEM-1 and 2011 SEM-2

NSB118 FOUNDATIONS OF NURSING PRACTICE
Contemporary nursing practice demands practitioners that demonstrate professional clinical decision-making and the ability to utilise information and communication technologies to ensure high quality health care outcomes. Professional communication and high order thinking processes are vital to ensure high quality data collection and management. This unit introduces the fundamental principles, knowledge and skills that need to be considered when applying decision-making processes in nursing practice and using information and communication technologies.

Credit points: 12 Campus: Kelvin Grove Teaching period: 2011 SEM-1 and 2011 SEM-2

NSB122 CLINICAL PRACTICE 1
This is the first in a series of five clinical practice units that provide you with the opportunity to experience the practice of nursing in real world settings and to develop the knowledge, attitudes and skills required for safe practice as a beginning level registered nurse. This unit focuses on providing basic care to patients in a health care setting. In providing this care you will be drawing upon the knowledge gained from your studies in nursing, life science and behavioural science, and the expertise of registered nurses in the clinical setting. The skills that you develop in this unit represent the building blocks of nursing care.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2011 SEM-1 and 2011 SEM-2  

**NSB212 CLINICAL PRACTICE 2**

This unit focuses on developing skills related to problem solving, decision making and care delivery for clients who are experiencing a range of health problems, including mental health problems. You will build on the general knowledge and skills that you have gained during your first year units through the application of concepts and principles to particular client problems, and the implementation of more complex nursing interventions. In working alongside registered nurses in various health care facilities you will develop a greater appreciation for the role of registered nurses in the provision of health care. [Designated unit]  
**Prerequisites:** NSB122. NSB122 can be studied in the same teaching period.  
**Credit points:** 12  
**Contact hours:** 1  
**Campus:** Kelvin Grove  
**Teaching period:** 2011 SEM-1 and 2011 SEM-2

**NSB222 CLINICAL PRACTICE 3**

Following on from Clinical practice 2 this unit continues to develop your skills in identifying health problems, developing plans of nursing care, delivering care, evaluating client outcomes and understanding of the role of the nurse in the health care team. This unit continues to focus on developing your skills related to problem solving, decision-making and care delivery for clients who are experiencing a range of health problems, including mental health problems. During your clinical practicum you will continue to work alongside registered nurses in a variety of clinical setting. [Designated unit]  
**Prerequisites:** NSB212 or NSB213  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2011 SEM-1 and 2011 SEM-2

**NSB223 MENTAL HEALTH NURSING**

Nurses in all health care settings will encounter people with mental health problems and disorders. Mental health care is no longer provided solely by a specialised psychiatric service, but in a variety of general health and community settings. Mental disorders represent nearly 30 per cent of the non-fatal disease burden and are the leading cause of disability in Australia. As physical health improves, mental disorders are assuming an even greater impact on people¿s well-being. Mental health nursing skills will enable you to help a wide variety of clients to improve their quality of life and to achieve their highest possible level of functioning.  
**Prerequisites:** NSB118 or NSB210  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2011 SEM-1 and 2011 SEM-2

**NSB225 HEALTH, HUMAN DEVELOPMENT AND AGEING**

This unit focuses on developing basic knowledge and understanding of the nurse's role in promoting health and wellbeing for people of all ages. Concepts addressed in this unit include, but are not limited to, definitions and models of health and wellbeing; major stages of human growth and development; physical and psychosocial theories of human development, theories of ageing and the concept of health throughout life. As you progress further in the course, the understandings that you develop in this unit will be extended through other theoretical studies and experiences in clinical practice.  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2011 SEM-1 and 2011 SEM-2

**NSB322 CLINICAL PRACTICE 4**

Nurses play a pivotal role in the provision of contemporary health care in a variety of settings. This clinical unit offers you the opportunity to experience the diversity of nursing practice while providing care for patients with multiple health problems. The clinical practicum associated with this unit utilises a variety of clinical environments providing both hospital and community based care. Students also have the option of undertaking a clinical placement in a rural, remote, interstate, overseas or indigenous community area. In addition, advanced clinical concepts that build on the basic skills you have developed earlier in the program will be addressed. [Designated unit]  
**Prerequisites:** NSB222, NSB223, NSB324, and NSB423  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2011 SEM-1, 2011 SEM-2 and 2011 SUM

**NSB324 HEALTH ALTERATIONS AND NURSING 1**

This unit will build on the concepts introduced in Foundations of Nursing Practice and enhance your knowledge and skills in clinical decision making processes. It will introduce nursing care and management of people across the lifespan in a range of environments and use a focus of acute and ambulatory health alterations based around selected body systems. As you progress through the course, the knowledge and skills you develop in this unit will be built upon and extended to meet the requirements of professional practice and consumer needs for quality health care.  
**Prerequisites:** NSB118 or NSB201  
**Credit points:** 12
NSB333 CLINICAL PRACTICE 5
This is the final unit in the series of clinical units that provide you with the opportunity to consolidate the knowledge, skills and attributes required for safe, competent practice as a beginning level nurse. This unit builds on previous clinical units and draws upon concepts, principles and theories that have been developed through your studies in nursing and related sciences. Particular emphasis will be placed on the co-ordination of care for a group of clients, critical thinking and reflection on practice, and confidence, efficiency and effectiveness in the implementation of nursing care. [Designated unit]
Prerequisites: NSB322  Credit points: 24  Contact hours: Includes 8 weeks off-campus clinical experience  Campus: Kelvin Grove  Teaching period: 2011 SEM-1 and 2011 SEM-2

NSB423 HEALTH ALTERATIONS AND NURSING 2
This unit will build on the concepts introduced in Foundations of Nursing Practice and enhance your knowledge and skills in clinical decision making processes. It will introduce nursing care and management of people across the lifespan in a range of environments and use a focus of acute and chronic health alterations based around selected body systems. As you progress through the course, the knowledge and skills you develop in this unit will be built upon and extended to meet the requirements of professional practice and consumer needs for quality health care.
Prerequisites: NSB118 or NSB210  Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2011 SEM-1 and 2011 SEM-2

NSB500 HEALTH ALTERATIONS AND HIGH DEPENDENCY NURSING
This unit is the final of three units expounding on nursing management of acute and chronic health alterations that impact on people across the lifespan in a variety of settings. The focus of this unit is the utilisation of a clinical decision making process to provide comprehensive and holistic nursing management for people experiencing complex and/or life threatening health alterations, particularly in high acuity and palliation settings. Implementation of the clinical decision making process will be at a more advanced level to meet the multifaceted needs of these patients with complex needs in preparation for practice as a beginning level registered nurse.
Prerequisites: (NSB324 or NSB022) and (NSB423 or NSB023)  Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2011 SEM-1 and 2011 SEM-2

PUB180 FOUNDATIONS OF PARAMEDIC PRACTICE 1
This unit is an introduction to ambulance practice and the role of paramedics within the health care spectrum. It prepares students for the first clinical practice unit. Topics include the following: the history, evolution, culture and development of ambulance services on a national and international level; the structure, function, policies and procedures of the Queensland Ambulance Service; the role of the ambulance service in a multidisciplinary and integrated approach to health care; the relationship between field care and in-hospital definitive care; and basic ambulance care including initial assessment, planning and implementing basic procedures, and equipment. The unit includes a structured observer program.
Credit points: 12  Campus: Kelvin Grove  Teaching period: 2011 SEM-1

PUB251 CONTEMPORARY PUBLIC HEALTH
This unit provides an introduction to the following: the philosophy and approach of public health; the traditional public health process; the multidisciplinary nature of public health; and health policy and its impact on public health. Recent reformulations of traditional public health approaches including health promotion, intersectoral action for health and healthy public policy are examined. The role of public health in Australia and overseas, its main discipline components and some of the constraints faced by public health is also addressed. This unit considers groups with special needs and contemporary issues.
Antirequisites: PUN106  Credit points: 12  Contact hours: 4 per week (KG and Ext Sem 1; KG Sem 2)  Campus: Kelvin Grove and External  Teaching period: 2011 SEM-1 and 2011 SEM-2

PUB270 PARAMEDIC CLINICAL PRACTICE 1
This unit is the first in a series of supervised clinical practice units. Topics include the following: assessing, diagnosing, planning, implementing and evaluating patient care in the out of hospital phase; effective scene management including logistics, safe access and egress, and patient extrication techniques; written and oral communication including patient interviews, radio procedures, writing ambulance report forms and patient handover at hospital. The placement is six weeks and provides a transition from observer to operational ambulance crew member under the supervision of a qualified paramedic mentor. [Designated unit]
Prerequisites: LSB282 and PUB280  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2011 SEM-2 and 2011 SUM

PUB280 FOUNDATIONS OF PARAMEDIC PRACTICE 2
This unit follows on from PUB180 and further develops core clinical skills and expertise in the use of ambulance
equipment. Topics covered include the following: monitoring basic patient care and modifying as required; handing over a patient requiring basic ambulance care; the use of ambulance equipment including ambulance vehicles and patient care equipment; health and safety legislation, policies and procedures; and the attributes of a paramedic e.g. compassion, accountability, respect, ethical practice, responsibility and sensitivity. The unit includes a structured observer program for students.

**Prerequisites:** PUB180    Credit points: 12    Campus: Kelvin Grove    Teaching period: 2011 SEM-2

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**PUB390 PARAMEDIC MANAGEMENT OF MEDICAL AND SURGICAL EMERGENCIES A**

This unit covers some of the most common medical and surgical emergencies seen in ambulance practice. Topics include the epidemiology, prevention, integrated and definitive care, pathophysiology, assessment, clinical management and rehabilitation of patients suffering cardiovascular, respiratory and neurological disease. Theory is presented on campus and experience is gained in a hospital environment under the supervision of clinical educators.

**Prerequisites:** PUB280 and (LSB282 or LSB382)    Credit points: 12    Campus: Kelvin Grove    Teaching period: 2011 SEM-1

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**PUB391 PARAMEDIC MANAGEMENT OF MEDICAL AND SURGICAL EMERGENCIES B**

This unit covers some of the most common medical and surgical emergencies seen in ambulance practice. Topics include the epidemiology, prevention, integrated and definitive care, pathophysiology, assessment and clinical management of patients suffering genitourinary, metabolic, endocrine and gastrointestinal disease. Theory is supplemented by simulation and scenario based activities under the supervision of clinical educators.

**Prerequisites:** PUB280 and PUB390 and LSB282    Credit points: 12    Campus: Kelvin Grove    Teaching period: 2011 SEM-1

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**PUB450 PARAMEDIC MANAGEMENT OF TRAUMA EMERGENCIES**

This unit covers some of the most common traumatic emergencies that a paramedic attends in ambulance practice. Topics covered include the epidemiology of trauma, the controversies of trauma management, neurotrauma, spinal cord injury, chest and abdominal trauma, pelvic and limb trauma, trauma in the elderly, wound ballistics, and shock and fluid resuscitation. Theory is supplemented by simulation and scenario based activities under the supervision of clinical educators.

**Prerequisites:** LSB182, LSB282, PUB280 and (LSB382 or LSB111)    Credit points: 12    Campus: Kelvin Grove    Teaching period: 2011 SEM-2

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**PUB470 PARAMEDIC CLINICAL PRACTICE 2**

This unit continues on from PUB270 and includes a six week placement providing work integrated learning experience in a supervised out of hospital environment. Students learn to apply standard ambulance management at non-complex scenes with straightforward clinical presentations and gain confidence in managing patients. [Designated unit]

**Prerequisites:** PUB270, PUB390, and PUB391    Credit points: 12    Campus: Kelvin Grove    Teaching period: 2011 SEM-1, 2011 SEM-2 and 2011 SUM

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**PUB486 ETHICS AND THE LAW IN HEALTH SERVICE DELIVERY**

This unit enables students to develop an awareness of the ethical and legal issues associated with the public sector and health care in the pre-hospital care setting. This unit covers topics relating to the code of ethics, the code of conduct and the legislation unique to the emergency health services. Students are required to apply content knowledge using the problem based learning strategy. Topics include introduction to ethics, morality and ethical theory, bioethics, public sector ethics, overview of the Australian legal system, consent to and refusal of health care, duty of care, confidentiality, and record keeping.

**Prerequisites:** PUB280    Credit points: 12    Campus: Kelvin Grove and External    Teaching period: 2011 SEM-2

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**PUB550 PARAMEDIC MANAGEMENT OF OBSTETRIC, PAEDIATRIC AND BEHAVIOURAL EMERGENCIES**

This unit covers the management of obstetric, paediatric and behavioural emergencies. Theory is presented on campus and experience is gained in a three week hospital placement under the supervision of clinical educators.

**Prerequisites:** PUB390 and LSB382    Credit points: 12    Campus: Kelvin Grove    Teaching period: 2011 SEM-1

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**PUB555 PARAMEDIC MANAGEMENT OF INFECTIOUS DISEASES, TOXICOLOGICAL AND ENVIRONMENTAL EMERGENCIES**

(Not offered till 2007)

This unit covers the management of patients with a range of challenging aetiologies including extremes in environmental conditions, toxicological emergencies including overdose, poisoning and acute infectious disease. Topics include the epidemiology, integrated and definitive care, pathophysiology, assessment and clinical management of patients with toxicological, infectious and environmental illness. Theory is supplemented by simulation and scenario based activities.

**Prerequisites:** PUB390    Credit points: 12    Campus: Kelvin Grove    Teaching period: 2011 SEM-1
PUB570 PARAMEDIC CLINICAL PRACTICE 3
This unit is a six week placement which develops patient care to a level where students can confidently manage more complex clinical presentations under the supervision of a qualified paramedic mentor. [Designated unit]
Prerequisites: PUB470  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2011 SEM-1 and 2011 SUM

PUB670 INTERNSHIP (PARAMEDIC CLINICAL PRACTICE)
This unit follows on from previous clinical practice units and develops students from preservice paramedic to the role of beginner practitioner at the advanced care paramedic level under the supervision of a qualified paramedic mentor. Students are expected to function as an operational crew member under minimal direction taking the lead in more complex scenarios. [Designated unit]
Prerequisites: PUB570  Assumed knowledge: Completion of all prior coursework is assumed knowledge.  Credit points: 36  Campus: Kelvin Grove  Teaching period: 2011 SEM-2

PYB007 INTERPERSONAL PROCESSES AND SKILLS
Psychology is generally a people-based profession with many positions involving not only understanding and testing people but communicating with them. More broadly however in most areas of modern work, and indeed within personal relationships, people need developed interpersonal skills and the ability to conceptualise interactive processes. The microskills for communication are also the foundation for helping relationships and counselling.
Antirequisites: PYB074, HHB113, PYB111  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point and Kelvin Grove  Teaching period: 2011 SEM-1 and 2011 SEM-2