Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Health Science (Public Health) (HL48)

Year offered: 2010
Admissions: No
CRICOS code: 059711D
Course duration (full-time): 4 years
Domestic fees (indicative): 2010: CSP $2,655 (indicative) per semester
International Fees (indicative): 2010: $11,250 (indicative) per semester
Domestic Entry: February
International Entry: February
QTAC code: 425142
Past rank cut-off: 75
Past OP cut-off: 13
OP Guarantee: Yes
Assumed knowledge: English (4, SA)
Preparatory studies: For information on acquiring assumed knowledge visit http://www.studentservices.qut.edu.au/apply/ug/info/knowledge.jsp
Total credit points: 396
Standard credit points per full-time semester: 48 (one semester has 60 credit points)
Course coordinator: Dr Ian Renshaw (HMS component) and Ms Melinda Service (Public Health component). Course enquiries should be emailed to: HMS - enquirieshms@qut.edu.au or Public Health - sphstudentcentre@qut.edu.au
Campus: Kelvin Grove

Overview
This course has been replaced by HL21 Bachelor of Exercise and Movement Science/ Bachelor of Health Science (Public Health) from first semester 2010.

Continuing students will complete their course requirements in HL48 Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Health Science (Public Health).

This double degree program will prepare you as a multi-skilled professional who will have an understanding of exercise and sports science and public health. Graduates may work in the area of physical activity to develop policy and programs to improve the health of the public and to help prevent and manage chronic disease.

The human movement studies component develops skills for careers in health and wellness, clinical health, fitness and rehabilitation, workplace health, fitness and safety. Teaching clinics give students practical experience in various areas such as activity and weight management, health and fitness, and exercise prescription.

The public health component provides the knowledge and skills to address major health issues both nationally and internationally with a focus on assessment of a population's health needs and strategies to meet them. Students gain an understanding of health care planning, community health, health promotion, the health needs of Indigenous Australians and project management.

Why choose this course?
With the percentage of the Australian population with preventable chronic diseases such as diabetes, obesity and heart disease growing, there is a demand for graduates who can use their skills to address these health issues. Graduates from the double degree will have skills in the two complementary areas of population health and physical activity so they can contribute effectively to improving the health of Australian communities.

Human Movement Studies
The course provides skills and theoretical knowledge across the basic sciences of human and functional anatomy, exercise physiology as well as studies in biomechanics, motor learning and control, and exercise and sports psychology.

Public Health
The course provides knowledge and skills to address major health issues with a focus on community health, nutrition, and health promotion. During the course students will study epidemiology, biostatistics, health promotion, understanding disease, culture, psychology and health behaviours.

Career Outcomes
Graduates of the double degree may work in local and state government and in community service organisations, as physical activity program planners, policy analysts, project managers, health promotion officers, and physical activity program evaluators.

Human Movement Studies
Graduates can work in a range of exercise and sports science settings such as corporate health, family and community services, the health and fitness industry, local/state government agencies, state sporting associations, institutes of sport, universities and colleges, and personal training.

Public Health
Graduates work as community health officers, policy officers, program evaluators, health promotion officers in...
community health, project officers, and consultants. They work in both public and private sectors such as state and federal health departments, population health units, community health centres, divisions of general practice, nongovernment and health organisations, and international health agencies.

**Professional Recognition**
Public Health Association of Australia (PHAA), and the Australian Health Promotion Association (AHPA).

**Deferment**
QUT allows current Year 12 school leavers to defer their undergraduate admission offer for one year, or for six months if offered mid-year admission, except in courses using specific admission requirements such as questionnaires, folios, auditions, prior study or work experience.

Non-year 12 students may also request to defer their QTAC offer on the basis of demonstrated special circumstances.

Find out more on deferment.

**Further Information**
For more information about this course, please contact the School of Human Movement Studies on +61 7 3138 4810 or email enquiries@qut.edu.au, and/or the School of Public Health on +61 7 3138 3368 or email sph.studentcentre@qut.edu.au

**Course structure**

**Year 1, Semester 1**
- LSB131 Anatomy
- LSB111 Understanding Disease Concepts
- PUB251 Contemporary Public Health
- HMB171 Fitness Health and Wellness

**Year 1, Semester 2**
- HMB172 Nutrition and Physical Activity
- LSB231 Physiology
- PUB209 Health, Culture and Society
- PYB012 Psychology

**Year 2, Semester 1**
- HMB271 Foundations of Motor Control, Learning and Development
- HMB274 Functional Anatomy
- PUB326 Epidemiology

**Year 2, Semester 2**
- LSB232 Anatomical Systems
- PUB213 Population Health Studies
- HMB276 Biomechanics
- PUB215 Food and Nutrition
- HMB277 Developmental Assessment
- PUB217 Public Health Practice

**Year 3, Semester 1**
- PUB209 Health, Culture and Society
- PUB320 Public Health Practice
- PUB326 Epidemiology
- PUB351 Public Health Elective (from List 1)

**Year 3, Semester 2**
- PUB209 Health, Culture and Society
- PUB320 Public Health Practice
- PUB326 Epidemiology
- PUB351 Public Health Elective (from List 1)

**Year 4, Semester 1**
- PUB209 Health, Culture and Society
- PUB320 Public Health Practice
- PUB326 Epidemiology
- PUB351 Public Health Elective (from List 1)

**Year 4, Semester 2**
- PUB209 Health, Culture and Society
- PUB320 Public Health Practice
- PUB326 Epidemiology
- PUB351 Public Health Elective (from List 1)

**Electives**
- PUB336 Women's Health
- PUB644 Health Promoting Schools
- PUB611 Risk Management

**Published on:** 16 May 2011
PUB632  Independent Study

Human Movement Studies Electives (List 2)

HMB361  Functional Anatomy 2
HMB362  Biomechanics 2
HMB371  Motor Control And Learning 2
HMB381  Exercise Physiology 2
HMB384  Injury Prevention and Rehabilitation
HMB480  Advanced Exercise Prescription

Health Unit prerequisites/corequisites

For information on prereqs & coreqs visit: www.hlth.qut.edu.au/study/forcurrentstudents/

Potential Careers:
Biomedical Laboratory Officer, Biostatistician, Community Health Officer, Director of Health Programs and Services, Epidemiologist, Health Educator, Health Information Manager, Health Promotion Officer, Health Services Manager, Policy Officer, Public Health Officer, Public Health Program Manager, Public Servant, Sports Scientist.

UNIT SYNOPSISES

HMB171 FITNESS HEALTH AND WELLNESS
The dimensions and interrelationships of health, physical activity and wellness are studied. Basic principles of conditioning and exercise prescription necessary to demonstrate the impact of physical activity on lifestyle diseases, health behaviours and wellness are examined. Principles and theory of behaviour change are employed.

Credit points: 12  Contact hours: 3-4 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

HMB172 NUTRITION AND PHYSICAL ACTIVITY
This unit is an introduction to principles of nutrition in relation to the physical activity setting, and the role of nutrition and physical activity in weight management. This unit also covers the essential elements of child growth and development (auxology) in relation to nutrition and health. The unit is designed to underpin studies in exercise physiology and sports nutrition.

Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

HMB271 FOUNDATIONS OF MOTOR CONTROL, LEARNING AND DEVELOPMENT
This unit introduces students to the behavioural and neural bases of movement control through an examination of the central nervous and neuromuscular systems, hierarchical control, human information processing and dynamical systems. It covers elements of sensory mechanisms related to movement. Foundations of motor learning and adaptation are introduced, linking underlying mechanisms of learning with principles that may be applied in teaching, coaching and rehabilitation.

Prerequisites: LSB131 or LSB231 or LSB255  Credit points: 12  Contact hours: 4 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

HMB272 BIOMECHANICS
This unit includes the application of mechanics as they apply to Human Movement including: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.

Prerequisites: LSB131  Credit points: 12  Contact hours: 4 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

HMB273 EXERCISE PHYSIOLOGY 1
This unit describes the immediate physiological responses to exercise, and the adaptations that occur with long-term exercise training. Exercise places a demand on the human body to provide sufficient energy to perform. The metabolic, hormonal, cardiovascular and pulmonary systems must adapt to meet the challenge of homeostasis. The active skeletal muscle must increase extraction and utilisation of oxygen and other fuels, the cardiovascular system must respond to improved gas and fuel transport, and lung function must change to facilitate increased respiratory gas exchange.

NOTE for Summer Semester students: Teaching will not commence until January 2010, but some unit information will be available from 16 November 2009.

Students wishing to enrol up to the beginning of January will need to email enquirieshms@qut.edu.au

Prerequisites: LSB231 or LSB142  Credit points: 12  Contact hours: 4 per week  Campus: Kelvin Grove  Teaching period: 2010 SUM-2, 2010 SEM-2 and 2010 SUM-1

HMB274 FUNCTIONAL ANATOMY
This unit includes the following: surface anatomy of the trunk and upper and lower limb; morphological and mechanical properties of bone, muscle-tendon units with implications for physical activity; joint structure and function; analyses of movement tasks including walking and running; cinematography and electromyography in functional anatomy of movement tasks.

Prerequisites: LSB131 or LSB255  Credit points: 12  Contact hours: 4 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1
HMB275 EXERCISE AND SPORT PSYCHOLOGY
This unit includes the following: introduction to the psychological factors which influence performance, participation and adherence to both sport and exercise programs; personality and the athlete; attention and arousal; relaxation theory and practice; aggression and psychosocial development; leadership and team cohesion.
Prerequisites: PYB100 or PYB012 or EDB002
Credit points: 12
Contact hours: 4 per week
Campus: Kelvin Grove
Teaching period: 2010 SEM-2

HMB276 RESEARCH IN HUMAN MOVEMENT
This unit includes principles of research: purposes, philosophy, applications. It addresses quantitative research including basic statistics, descriptive, ANOVA, correlation, regression and non-parametrics, and basic research design hypothesis testing. Qualitative research includes methodology, data collection, and theory building. Research presentation includes: writing a research report and developing conclusions. This unit also considers application of research, examples in human movement, related literature, computer data analysis, and information retrieval.
Credit points: 12
Contact hours: 3 per week
Campus: Kelvin Grove
Teaching period: 2010 SEM-2

HMB282 RESISTANCE TRAINING
This unit aims to equip students with the basic knowledge, skills and competencies required for exercise prescription in resistance training for muscular fitness. Students build on prior knowledge of biomechanics, anatomy, physiology and motor control to develop understanding of the mechanical and physiological determinants of muscular fitness. The unit incorporates a blend of theoretical background, practical knowledge and skills in the main areas of muscular hypertrophy, strength, power and endurance. This understanding is then used to critically analyse resistance training programs.
Prerequisites: LSB131
Credit points: 12
Campus: Kelvin Grove
Teaching period: 2010 SEM-2

HMB313 SOCIO-CULTURAL FOUNDATIONS OF PHYSICAL ACTIVITY
This unit lays a foundation in the disciplines of the socio-cultural areas which underpin the study of human movement. It serves as an introduction to the historical, sociological, philosophical, anthropological and cultural foundations of sports, games and leisure activities.
Credit points: 12
Contact hours: 4 per week
Campus: Kelvin Grove
Teaching period: 2010 SEM-1

HMB361 FUNCTIONAL ANATOMY 2
This is a project-based unit designed to enable students with a background in functional anatomy to develop greater expertise in one or a combination of the following areas: electromyography; orthopaedic biomechanics; kinesiology of sport and work; comparative functional anatomy; locomotion and posture; research techniques in functional anatomy.
Prerequisites: HMB274
Credit points: 12
Contact hours: 4 per week
Campus: Kelvin Grove
Teaching period: 2010 SEM-2

HMB362 BIOMECHANICS 2
This unit includes the following: measurement techniques within biomechanics; analysis of force systems; photographic, goniometric and electrographic analysis of movement; an introduction to viscoelasticity and biological materials: material properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from a research project perspective
Prerequisites: HMB272 and HMB274
Credit points: 12
Contact hours: 4 per week
Campus: Kelvin Grove
Teaching period: 2010 SEM-1

HMB371 MOTOR CONTROL AND LEARNING 2
This is an advanced unit which provides an in-depth view of theories and concepts in motor learning and control; how we control actions in both everyday and skilled behaviours, and how this capability is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. The unit is organised around the theme of sensorimotor integration as related to posture and balance, locomotion and arm movements such as reaching, grasping and pointing.
Prerequisites: HMB271
Credit points: 12
Contact hours: 4 per week
Campus: Kelvin Grove
Teaching period: 2010 SEM-2

HMB379 DISORDERS OF HUMAN MOVEMENT
This unit introduces a selection of disorders and disease states that limit or alter the capacity for movement and physical activity. Each is described in terms of relevant epidemiology and pathophysiology, emphasising the relationship between each disorder and movement or activity, together with factors affecting this relationship. The unit provides students with a basic knowledge of a selection of movement-related disorders, as a foundation for subsequent applications, whether in research, working with special populations, in rehabilitation, or in other clinical settings. The unit also enhances the ability of students to independently study disorders not covered in the unit.
Prerequisites: HMB271
Credit points: 12
Contact hours: 4 per week
Campus: Kelvin Grove
Teaching period: 2010 SEM-1

HMB381 EXERCISE PHYSIOLOGY 2
This unit examines the integrated regulation of the organ system examined in Exercise Physiology 1. Within this integrated perspective current research areas will be highlighted, including but not limited to (1) exercise performance and environmental stress, (2) special aids to exercise training and performance, and (3) limitations to exercise in healthy normal individuals, elite athletes and selected patient populations.

**Prerequisites:** HMB382  
**Credit points:** 12  
**Contact hours:** 3-4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

### HMB382 PRINCIPLES OF EXERCISE PRESCRIPTION

In this unit, students examine the physiological principles and methods used in training and conditioning programs at all levels of physical activity. The integration of fitness assessment and exercise prescription is a major component of the unit, introducing the student to these requirements in the context of aerobic conditioning, resistance training, weight loss and flexibility. There is a strong emphasis on putting theory into practice, including the development and utilisation of appropriate practical skills in both fitness assessment and exercise prescription.

**Prerequisites:** HMB273 and HMB282  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

### HMB384 INJURY PREVENTION AND REHABILITATION

This unit considers the following: epidemiology and nature of common injuries that occur at home, school, work and during sporting activities; current philosophies of preventative measures and strategies for the treatment and rehabilitation of injuries; the role of health training, exercise and fitness in injury prevention, treatment and rehabilitation regimes; the pathology of injuries and repair processes highlighted by examining specific examples.

**Prerequisites:** HMB274  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

### HMB470 PRACTICUM 1

In the first of the Human Movement dedicated practicum units, students undertake in-depth experience at two different workplaces (40 hours each) while maintaining ongoing involvement in the School’s clinics (20 hours). The student is provided with an extended opportunity to apply classroom learned knowledge and skills under the supervision of Human Movement Practitioners. Workplace involvement is preceded by a vocational skill seminar and workshop program while an interactive analysis program is instigated post practicum.

**Prerequisites:** HMB382  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

### HMB480 ADVANCED EXERCISE PRESCRIPTION

This is a companion unit to HMB382, and extends the understanding of how fitness assessment and exercise prescription can be applied to an individual. A number of different disease states, special populations and scenarios are used to examine the potential role of physical activity and appropriately prescribed exercise to maintain and improve functional capacity. A strong emphasis is placed on identifying the problems faced in fitness assessment and exercise prescription for special cases and conditions, and finding appropriate solutions.

**Prerequisites:** HMB382  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

### LSB111 UNDERSTANDING DISEASE CONCEPTS

This unit introduces the structure and function of the body, reviews the body systems and links those to mechanisms of disease. Systems and topics covered are: integumentary, skeletal, muscular, nervous, endocrine, blood, heart and circulation, lymphatic, immune, respiratory, digestive (including nutrition and metabolism), urinary, reproductive, concepts of growth and development, genetics. Examples of diseases introduced are: heart disease and hypertension, cancers (lung, breast, skin, colon, prostate, testicular, cervical), diabetes, depression, Parkinson's disease, asthma and chronic obstructive lung diseases.

**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

### LSB131 ANATOMY

This unit includes basic concepts of anatomy: an overview of the structure of cells, body tissues, and body systems; concepts of growth and development, genetics. Examples of cancers (lung, breast, skin, colon, prostate, testicular, cervical), diabetes, depression, Parkinson's disease, asthma and chronic obstructive lung diseases.

**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

### LSB231 PHYSIOLOGY

This unit covers the general physiological principles such as homeostasis and how all systems in the body contribute to it. Topics include cells, transport processes, cardiovascular system, cardiac electrical activity, cardiac output, regulation of blood pressure, respiratory system, endocrine system, pulmonary ventilation and its function.

**Antirequisites:** LSB250  
**Equivalents:** LSB245  
**Credit points:** 12  
**Contact hours:** 5 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

### PUB201 FOOD AND NUTRITION

This unit includes the following: an introduction to the history of food and nutrition in Australia; the food system; the food supply; proteins, carbohydrates, fats, vitamins and minerals;
food grouping systems; dietary guidelines; the recommended dietary intakes; nutrition through the life cycle; food and nutrition problems; nutrition as a public health issue; and international nutrition issues.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove and External  **Teaching period:** 2010 SEM-2

**PUB209 HEALTH, CULTURE AND SOCIETY**

This unit is concerned with the social and cultural dimensions of health and illness and how they relate to health status and patterns of behaviour. The unit introduces students to thinking about health from sociological and anthropological perspectives, drawing on relevant concepts and theory to examine selected public health issues. Identifying and addressing social and cultural factors that shape people's health experiences of health, illness and health systems are integral parts of public health practice in terms of reducing health inequalities, delivering appropriate services, and ultimately improving population health outcomes.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**PUB215 PUBLIC HEALTH PRACTICE**

Credit points: 12  Teaching period: 2010 SEM-2

**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:** PUB107  **Credit points:** 12  **Contact hours:** 4 per week (KG and Ext Sem 1; KG Sem 2)  **Campus:** Kelvin Grove and External  **Teaching period:** 2010 SEM-1 and 2010 SEM-2

**PUB326 EPIDEMIOLOGY**

Epidemiology is the core scientific method of public health. It is the study of the distribution of health and disease in the population and includes research into causes of disease and the effectiveness of public health programs. Epidemiological methods are used to generate the evidence base for clinicians, health promotion specialists, health educators, occupational and environmental health officers and health service managers.

**Antirequisites:** HLN710  **Assumed knowledge:** Successful completion of 96cp is assumed prior knowledge  **Credit points:** 12  **Contact hours:** 3 per week (Ext PU40

**PUB332 SUSTAINABLE ENVIRONMENTS FOR HEALTH**

This unit explores the data and current health issues related to women's health and critically evaluates health related policies, systems and practices in terms of their impact on women's health, internationally and in Australia. The social, economic, cultural and political influences on women's health, and the specific needs of sub-populations of women are examined.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**PUB336 WOMEN'S HEALTH**

This unit is concerned with the social and cultural dimensions of health and illness and how they relate to health status and patterns of behaviour. The unit introduces students to thinking about health from sociological and anthropological perspectives, drawing on relevant concepts and theory to examine selected public health issues. Identifying and addressing social and cultural factors that shape people's health experiences of health, illness and health systems are integral parts of public health practice in terms of reducing health inequalities, delivering appropriate services, and ultimately improving population health outcomes.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**PUB406 HEALTH PROMOTION PRACTICE**

This unit ties together the fundamental health promotion knowledge and constructs covered in earlier units in the public health subject area. It builds upon this basis to introduce students to the range of strategies available to a health promotion practitioner. The unit promotes an appreciation of the strengths and weaknesses of different approaches, as well as related administrative factors. Students undertake a small health promotion project in groups of 3-4. This is an essential field of study for those students who wish to work in a health promotion or related field.

**Prerequisites:** PUB251 or PUB530  **Credit points:** 12  **Contact hours:** 3  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**PUB461 QUALITATIVE INQUIRY IN PUBLIC HEALTH**

Qualitative methods are essential to generate knowledge of people's lived experiences, the meanings they ascribe to them, and to the social dimension of health. The nature and complexities of many public health problems require a mix of research methods and the contributions of qualitative inquiry are increasingly recognised. The practical skills acquired in this unit can be applied to a wide range of public health works, including community based program evaluation, international health and health social science research.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**PUB514 CONTRACT/PROJECT MANAGEMENT**

This unit aims to prepare students for participation in contract and project management in the health sector. The unit provides advanced undergraduate students with an opportunity to develop an understanding of health project contract management using both theoretical and practical examination of current state and national contracts and
PUB530 HEALTH EDUCATION AND BEHAVIOUR CHANGE  
**Antirequisites:** PUB329, PUB341  
**Credit points:** 12  
**Teaching period:** 2010 SEM-1

PUB545 HEALTH POLICY, PLANNING AND ADVOCACY  
**Antirequisites:** PUB511  
**Credit points:** 12  
**Teaching period:** 2010 SEM-1

PUB557 HEALTH NEEDS OF INDIGENOUS AUSTRALIANS AND OTHER POPULATIONS  
The unit examines the health needs of a range of population groups, particularly the health needs of indigenous Australians. Health is viewed in its social and economic context. The unit allows a recognition and focus on particular health concerns that might not be considered significant in an examination of broad patterns of health. It forces a consideration of how strategies to improve health, including important questions of access and equity. The unit provides an overall picture of health patterns of indigenous Australians and other specific populations.  
**Prerequisites:** PUB251  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

PUB611 RISK MANAGEMENT  
**Note:** This unit is available externally only for Second Semester 2010.  
This unit provides students with the knowledge and skills for the assessment and quantification of risk in the workplace. It considers the various models available to investigate and analyse accidents and propose strategies to prevent similar incidents in the future. Various hazard identification techniques such as HAZOP, Fault Tree Analysis and FMEA are discussed. The unit provides students with the ability to position occupational health and safety within an organisation’s strategic decision making process.  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

PUB632 INDEPENDENT STUDY  
Independent study allows students to study a topic which is not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practise skills in problem identification, evaluation and critical thinking. The study may be for example a literature review or a placement in a particular setting. The process and outcomes are negotiated in a contract with a supervisor.  
**Assumed knowledge:** Completion of 192 credit points, a GPA >5 and an approved supervisor are assumed

PUB644 HEALTH PROMOTING SCHOOLS  
This subject is designed to extend students' understanding of health promotion in a school setting. The learning objectives for this course are designed to reinforce the links between education and health, in relation to the planning, implementation and evaluation of a school based health promotion intervention. It also addresses some of the management issues that underlie such an approach to the promotion of health and well being in the school community. Case studies or activities offer a range of opportunity for reflection and investigation.  
**Credit points:** 12  
**Campus:** External  
**Teaching period:** 2010 SEM-2

PUB875 PROFESSIONAL PRACTICE  
This unit is undertaken by students in the public health, and nutrition and dietetics strands of the BHlthSc. It provides students with the opportunity for working in one or a number of placements in a professional capacity in an area of interest to the student. It provides an opportunity for students to apply the knowledge and skills acquired through their course to a practical problem or workplace situation.  
**Prerequisites:** PUB514  
**Antirequisites:** PUB645  
**Assumed knowledge:** Completion of 240 credit points of study is assumed knowledge.  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

PYB012 PSYCHOLOGY  
The body of knowledge which defines Psychology as a discipline is basic to an understanding of human behaviour and interaction. Psychological theories, concepts and methods of investigation provide ways of evaluating personal and professional practice. Informed practice can then seek to meet the needs of individuals, groups and communities. All professional people need to have frameworks for understanding their own behaviour and that of others. This unit provides students with essential knowledge as a basis for their personal and professional effectiveness. It is the foundation for understanding further study in psychology and its many applications.  
**Equivalents:** PYB100, PYB101  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Gardens Point and Kelvin Grove  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2