



THE UNIVERSITY  

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*of* ADELAIDE

**Postgraduate Coursework  
Courses**

**2011**

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# FACULTY OF HEALTH SCIENCES

## Biostatistics

### BIOSTATS 6000EX

#### Epidemiology

3 units - semester 1 or semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Assessment: Assignments - functions 20%, calculus 40%, matrices & numerical methods 40%

On completion of this course students should be familiar with the major concepts and tools of epidemiology, the study of health populations, and should be able to judge the quality of evidence in health-related research literature. Topics include: historical developments in epidemiology; sources of data on mortality and morbidity; disease rates and standardisation; prevalence and incidence; life expectancy; linking exposure and disease (eg relative risk, attributable risk); main types of study design-case series, ecological studies, cross-sectional surveys, case-control studies, cohort or follow-up studies, randomised controlled trials; sources of error (chance, bias, confounding); association and causality; evaluating published papers; epidemics and epidemic investigation; surveillance; prevention; screening; the role of epidemiology in health services research and policy.

### BIOSTATS 6001EX

#### Mathematical Background for Biostatistics

3 units - semester 1 or semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Assessment: Assignments - functions 20%, calculus 40%, matrices and numerical methods 40%

On completion of this course students will be able to follow the mathematical demonstrations and proofs used in biostatistics at Masters degree level, and to understand the mathematics behind statistical methods introduced at that level. The intention is to allow students to concentrate on statistical concepts in subsequent courses, and not be distracted by the mathematics employed. Content includes: basic algebra and analysis; exponential functions; calculus; series, limits, approximations and expansions; matrices and numerical methods.

### BIOSTATS 6002EX

#### Data Management and Statistical Computing

3 units - semester 1 or semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Assessment: 3 written assignments (15%, 15%, 30%), at-home exam 40%

The aim of this course is to introduce students to essential concepts and tools required for the management and analysis of data using modern statistical software. Data management principles and concepts are developed using relational database software (Microsoft Access). Data manipulation, descriptive analyses and interpretation are introduced using SAS and Stata statistical software. Students will also acquire skills in data display, summary presentation and pattern recognition using these tools.

Module 1: Data Management Concepts

Module 2: Introduction to Stata and SAS

Module 3: Data Management Using Stata and SAS

### BIOSTATS 6003EX

#### Probability and Distribution Theory

3 units - semester 1 or semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6001EX

Assessment: 2 written assignments, 40% each, submission of selected practical exercises 20%

This course will focus on applying the calculus-based techniques learned in Mathematical Background for Biostatistics to the study of probability and statistical distributions. These two courses, together with the subsequent Principles of Statistical Inference course, will provide the core prerequisite mathematical statistics background required for the study of later courses in the Graduate Diploma or Masters degree. This course begins with the study of probability, random variables, discrete and continuous distributions, and the use of calculus to obtain expressions for parameters of these distributions such as the mean and variance. Joint distributions for multiple random variables are introduced together with the important concepts of independence, correlation and covariance, marginal and conditional distributions. Techniques for determining distributions of transformations of random variables are discussed. The concept of the sampling distribution and standard error of an estimator of a parameter is presented, together with key properties of estimators. Large sample results concerning the properties of estimators are presented with emphasis on the central role of the normal distribution in these results. General approaches to obtaining estimators of parameters are introduced. Numerical simulation and graphing with Stata is used throughout to demonstrate concepts.

### BIOSTATS 6004EX

#### Design of Randomised Controlled Trials

3 units - semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6000EX & BIOSTATS 6001EX

Assessment: 3 written assignments (30%, 30%, 40%)

The aim of this course is to enable students to understand and apply the principles of design and analysis of experiments, with a particular focus on randomised controlled trials (RCTs), to a level where they are able to contribute effectively as a statistician to the planning, conduct and reporting of a standard RCT. Topics include: principles and methods of randomisation in controlled trials; treatment allocation, blocking, stratification and allocation concealment; parallel, factorial and crossover designs including n-of-1 studies; practical issues in sample size determination; intention-to-treat principle; phase I dose finding studies; phase II safety and efficacy studies; interim analyses and early stopping; multiple outcomes/endpoints, multiple tests and subgroup analyses, including adjustment of significance levels and p-values; reporting trial results and use of the CONSORT statement.

### BIOSTATS 6005EX

#### Principles of Statistical Inference

3 units - semester 1 or semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6001EX & BIOSTATS 6003EX

Assessment: 2 written assignments 35% each, submission of selected practical exercises 30%

The aim of this course is to provide a strong mathematical and conceptual foundation in the methods of statistical inference, with an emphasis on practical aspects of the interpretation and communication of statistically based conclusions in health research. Content includes: review of the key concepts of estimation, and construction of Normal-theory confidence intervals; frequentist theory of estimation including hypothesis tests; methods of inference based on likelihood theory, including use of Fisher and observed information and likelihood ratio; Wald & score tests; an introduction to the Bayesian approach to inference; an introduction to distribution-free statistical methods.

### **BIOSTATS 6006EX**

#### **Linear Models**

3 units - semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6000EX, BIOSTATS 6001EX, BIOSTATS 6003EX & BIOSTATS 6005EX

Co-Requisite(s): BIOSTATS 6000EX - students may be permitted to enrol in BIOSTATS 6006EX concurrently with BIOSTATS 6000EX with permission of the program coordinator

Assessment: Assignments 80% (two case study assignments worth 35% & 45% respectively), submission of selected practical exercises 20%, online quizzes 5%

The aim of this course is to enable students to apply methods based on linear models to biostatistical data analysis, with proper attention to underlying assumptions and a major emphasis on the practical interpretation and communication of results. The content includes: the method of least squares; regression models and related statistical inference; flexible nonparametric regression; analysis of covariance to adjust for confounding; multiple regression with matrix algebra; model construction and interpretation (use of dummy variables, parameterisation, interaction and transformations); model checking and diagnostics; regression to the mean; handling of baseline values; the analysis of variance; variance components and random effects.

### **BIOSTATS 6007EX**

#### **Categorical Data and Generalised Linear Models**

3 units - semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6000EX, BIOSTATS 6001EX, BIOSTATS 6003EX & BIOSTATS 6005EX

Co-Requisite(s): BIOSTATS 6006EX

Assessment: 2 written assignments, each worth 20%, practical exercises 54% and contribution to online discussion 6%

The aim of this course is to enable students to use generalised linear models (GLMs) and other methods to analyse categorical data with proper attention to the underlying assumptions. There is an emphasis on the practical interpretation and communication of results to colleagues and clients who may not be statisticians. The content includes: introduction to and revision of conventional methods of contingency tables especially in epidemiology: odds ratios and relative risks, chi-squared tests for independence,

Mantel-Haenszel methods for stratified tables, and methods for paired data. The exponential family of distributions; generalised linear models (GLMs), and parameter estimation for GLMs. Inference for GLMs-including the use of score, Wald and deviance statistics for confidence intervals and hypothesis tests, and residuals. Binary variables and logistic regression models-including methods for assessing model adequacy. Nominal and ordinal logistic regression for categorical response variables with more than two categories. Count data, Poisson regression and log-linear models.

### **BIOSTATS 6008EX**

#### **Survival Analysis**

3 units - semester 1

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): 6000EX, BIOSTATS 6001EX, BIOSTATS 6003EX, BIOSTATS 6005EX & BIOSTATS 6006EX

Assessment: 3 written assignments 22% each, online participation 8%, final-at-home examination 26%.

The aim of this course is to enable students to analyse data from studies in which individuals are followed up until a particular event occurs, e.g. death, cure, relapse, making use of follow-up data also for those who do not experience the event, with proper attention to underlying assumptions and a major emphasis on the practical interpretation and communication of results. The content includes: Kaplan-Meier life tables; logrank test to compare two or more groups; Cox's proportional hazards regression model; checking the proportional hazards assumption; time-dependent covariates; multiple or recurrent events; sample size calculations for survival studies.

### **BIOSTATS 6009**

#### **Workplace Project Portfolio A**

3 units - semester 1 or semester 2

Restriction: Available to Grad Dip & M Biostatistics students only

Pre-Requisite(s): Minimum of 4 courses, including BIOSTATS 6002EX & BIOSTATS 6006EX

Assessment: Portfolio

The aim of this course is that the student gains practical experience, usually in workplace settings, in the application of knowledge and skills learnt during the coursework of the Masters program. The student will usually provide evidence of having met this goal by presenting a portfolio or thesis made up of a preface and project reports. An outline of options for the structure of this course, including supervision and assessment requirements, is available at [www.bca.edu.au/studentinfo.htm](http://www.bca.edu.au/studentinfo.htm) (see Workplace Project Portfolio guidelines).

### **BIOSTATS 6010**

#### **Workplace Project Portfolio B**

3 units - semester 1 or semester 2

Restriction: Available to Grad Dip & M Biostatistics students only

Pre-Requisite(s): Minimum of 4 courses, including BIOSTATS 6002EX & BIOSTATS 6006EX

Assessment: Portfolio

The aim of this course is that the student gains practical experience, usually in workplace settings, in the application of knowledge and skills learnt during the coursework of the Masters program. The student will usually provide evidence of having met this goal by presenting a portfolio or thesis made up of a preface and project

reports. An outline of options for the structure of this course, including supervision and assessment requirements, is available at [www.bca.edu.au/studentinfo.htm](http://www.bca.edu.au/studentinfo.htm) (see Workplace Project Portfolio guidelines).

### **BIOSTATS 6011EX**

#### **Bioinformatics**

3 units - semester 2

Up to 10 hours per week

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6001EX, BIOSTATS 6002EX, BIOSTATS 6003EX, BIOSTATS 6005EX & BIOSTATS 6006EX

Assessment: 3 Assignments 20% each, final at-home exam 40%

Bioinformatics addresses problems related to the storage, retrieval and analysis of information about biological structure. This unit provides a broad-ranging study of this application of quantitative methods in biology. Content: biology basics; population genetics; web-based tools, data sources and data retrieval; the analysis of single and multiple DNA or protein sequences; hidden Markov Models and their applications; evolutionary models; phylogenetic trees; analysis of microarrays; functional genomics; use of R in bioinformatics applications.

### **BIOSTATS 6012EX**

#### **Longitudinal & Correlated Data**

3 units - semester 1

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6000EX, BIOSTATS 6001EX, BIOSTATS 6003EX, BIOSTATS 6005EX, BIOSTATS 6006EX & BIOSTATS 6007EX

Assessment: practical exercises, in 4 parts and including component for online group discussion 20%, and 2 written assignments, each 40%

The aim of this course is to enable students to apply appropriate methods to the analysis of data arising from longitudinal (repeated measures) epidemiological or clinical studies, and from studies with other forms of clustering (cluster sample surveys, cluster randomised trials, family studies) that will produce non-exchangeable outcomes. The content includes: paired data; the effect of non-independence on comparisons within and between clusters of observations; methods for continuous outcomes: normal mixed effects (hierarchical or multilevel) models and generalised estimating equations (GEE); role and limitations of repeated measures ANOVA; methods for discrete data: GEE and generalised linear mixed models (GLMM); methods for count data.

### **BIOSTATS 6013EX**

#### **Advanced Clinical Trials**

3 units - semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6000EX, BIOSTATS 6001EX, BIOSTATS 6003EX, BIOSTATS 6004EX, BIOSTATS 6005EX & BIOSTATS 6006EX

Assessment: 3 written assignments (25%, 25%, 10%), at-home exam 40%

This elective unit extends and enhances the concepts developed in Design of Experiments and Randomised Clinical Trials. On

completion, students have the knowledge and skills required at an advanced professional level to design and analyse clinical trials, including cross-over designs and equivalence trials, and to identify and implement statistical methods for monitoring and reporting, with appropriate knowledge of regulatory requirements. Topics to be covered include: methods in RCTs for determining stopping rules for interim analyses (O'Brien-Fleming, Peto), spending functions, stochastic curtailment; statistical principles encountered in relation to aspects of regulatory guidelines (ICH, HAD, EMEA), and related to reports prepared for data safety and monitoring committees (DSMC); design and analysis of cross-over trials (period effects, interactions); equivalence and non-inferiority trials; problems of defining and using surrogate endpoints as alternatives to direct clinical outcomes.

### **BIOSTATS 6014EX**

#### **Bayesian Statistical Methods**

3 units - semester 2

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6000EX, BIOSTATS 6001EX, BIOSTATS 6003EX, BIOSTATS 6005EX, BIOSTATS 6006EX & BIOSTATS 6007EX

Assessment: 2 written assignments 30% each, submission of selected practical exercises 40%

The aim of this course is to achieve an understanding of the logic of Bayesian statistical inference, i.e. the use of probability models to quantify uncertainty in statistical conclusions, and acquire skills to perform practical Bayesian analysis relating to health research problems. Topics will include simple one-parameter models with conjugate prior distributions; standard models containing two or more parameters, including specifics for the normal location-scale model; the role of non-informative prior distributions; the relationship between Bayesian methods and standard 'classical' approaches to statistics, especially those based on likelihood methods; computational techniques for use in Bayesian analysis, especially the use of simulation from posterior distributions, with emphasis on the WinBUGS package as a practical tool; application of Bayesian methods for fitting hierarchical models to complex data structures.

### **BIOSTATS 6015EX**

#### **Health Indicators & Health Surveys**

3 units - semester 1

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Co-Requisite(s): BIOSTATS 6001EX

Assessment: 4 written assignments (2 x 20%, 2 x 26%), contribution to online discussions 8%

On completion of this course students should be able to derive and compare population measures of mortality, illness, fertility and survival, be aware of the main sources of routinely collected health data and their advantages and disadvantages, and be able to collect primary data by a well-designed survey and analyse and interpret it appropriately. The content includes: routinely collected health-related data; quantitative methods in demography, including standardisation and life tables; health differentials; design and analysis of population health surveys including the roles of stratification, clustering and weighting.

## **BIOSTATS 6016EX**

### **Clinical Biostatistics**

3 units - semester 1

Nil

Restriction: Available to Grad Cert, Grad Dip, M Biostatistics students only

Pre-Requisite(s): BIOSTATS 6000EX, BIOSTATS 6001EX & BIOSTATS 6003EX

Co-Requisite(s): BIOSTATS 6005EX

Assessment: Assignments 92% (4 written assignments each worth 23%) and 8% for online discussions

The aim of this course is to enable students to use correctly statistical methods of particular relevance to evidence-based health care and to advise clinicians on the application of these methods and interpretation of the results. The content includes: clinical agreement (Kappa statistics, Bland-Altman agreement method, intraclass correlation); diagnostic tests (sensitivity, specificity, predictive values, ROC curves, likelihood ratio); statistical process control (special and common causes of variation, Shewhart CUSUM and EWMA charts); and systematic reviews (process, estimating treatment effect, assessing heterogeneity, publication bias).

## **Dentistry**

### **DENT 6001EX**

#### **Contemporary Dental Practice A**

3 units - semester 1 or semester 2

Available for Non-Award Study

Assessment: essays, scientific reports, multiple choice questions, treatment plans

An external study mode course which aims to review and update current concepts for all practitioner types in modern general dental practice. All candidates complete study in the areas of dynamics of the oral environment and non-surgical minimum intervention. Then candidates select four additional topics within their field of practice.

### **DENT 6001HO**

#### **Contemporary Dental Practice A**

3 units - semester 1 or semester 2

Up to 5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: essays, scientific reports, multiple choice questions, treatment plans

An external study mode course which aims to review and update current concepts for all practitioner types in modern general dental practice. All candidates complete study in the areas of dynamics of the oral environment and non-surgical minimum intervention. Then candidates select four additional topics within their field of practice.

### **DENT 6002EX**

#### **Contemporary Dental Practice - Continuing**

0 units - semester 1 or semester 2

Up to 5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Pre-Requisite(s): DENT 6001 & DENT 6071

Assessment: multiple choice questions, treatment plans, essays, scientific reports

This is the continuation of Contemporary Dental Practice A and B. Having completed dynamics of the oral environment and non-surgical minimum intervention, candidates select four additional topics within their field of practice.

### **DENT 6002HO**

#### **Contemporary Dental Practice - Continuing**

0 units - semester 1 or semester 2

Up to 5 hours per week

Restriction: Available to GradCertDent students only

Pre-Requisite(s): DENT 6001 & DENT 6071

Assessment: multiple choice questions, treatment plans, essays, scientific reports

This is the continuation of Contemporary Dental Practice A and B. Having completed dynamics of the oral environment and non-surgical minimum intervention, candidates select four additional topics within their field of practice.

### **DENT 6004HO**

#### **Research Methods and Ethics**

2 units - semester 1

Assessment: participation in seminar, short test in biostatistics, evaluation and written critique of given scientific paper

The course of seminars provides an appreciation of the scientific method and of ethics as well as practical aspects of biostatistics, experimental design, research methodology, laboratory safety and infection control, use of computers and bibliographic databases, preparation of initial research proposal, evaluation of research papers, scientific writing and presentation of research findings. Where possible, the material presented will be selected to meet the specific requirements of the students enrolled.

### **DENT 6022HO**

#### **Advanced Restorative Dentistry C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Assessment: may include written assessment, operative skills and case report or online seminar

This course looks at recent trends in crown and bridge work including relevant dental materials. Topics covered include diagnosis and treatment planning for crown and bridge work, design of preparations, occlusion, impression materials, recording inter-maxillary relationships, fabrication and cementation of temporary restorations, and selection and manipulation of crown and bridge cements.

### **DENT 6023HO**

#### **Endodontics C**

2 units - semester 1 or semester 2

Up to 5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Pre-Requisite(s): DENT 6001 & DENT 6071

Assessment: multiple choice questions, treatment plans, essays, scientific reports

This course covers the diagnosis of pulpal and periapical conditions, emergency endodontic procedures, vital pulp therapy and non vital pulp therapy. Other areas explored include microbiology and immunology, instrumentation, medicaments and root filling

techniques. Periapical surgery, management of traumatic injuries, bleaching and apexification will also be reviewed.

#### **DENT 6024HO**

##### **High Caries Risk C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, case report or online seminar

This course reviews the structure of dental hard tissues of tooth, current concepts in cariology including microbiology and the nature of saliva and its role. Both traditional and minimum intervention approaches to the management of patients at high risk of caries are explored. The course also looks at practical assessment of caries risk including saliva testing, materials and products suitable for professional and home care, prevention, and short- and long-term care. Students have access to online resources and attend a four-day hands-on course during which they are encouraged to discuss cases.

#### **DENT 6025HO**

##### **Implantology C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Assessment: may include written assessment, case report or online seminar

This course covers anatomy of the jaws, basic principles of osseointegration for the placement of single tooth implants, treatment of edentulous ridges, case selection, assessment of sites for implant placement and treatment planning.

#### **DENT 6026HO**

##### **Orofacial Pain C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, clinical skills and case report or online seminar

This course is designed to update the general practitioner in current concepts of craniomandibular disorders. The course will cover differential diagnosis of craniomandibular disorders, clinical examination, the sequelae of masticatory muscle hyperactivity and the progression from myogenous to arthrogenous dysfunction.

#### **DENT 6027HO**

##### **Oral Pathology C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include seminar performance, clinical exercises & written assignments

This course reviews common topics in oral pathology that are of importance in daily practice. It aims to demonstrate their laboratory and clinical applications. The course is a combination of review

presentations, interactive seminars and clinical demonstrations. Participants will need to complete readings prior to an intensive three day course. Participants are asked to bring along interesting or problem cases for discussion. Completion of the oral pathology study module will be an advantage to candidates

#### **DENT 6028HO**

##### **Dento-Alveolar Surgery C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Assessment: may include written assessment, clinical skills and case report or online seminar

The course covers academic and clinical aspects of modern dento-alveolar surgery relevant to general dental practitioners including removal of impacted teeth. Readings and resources will be provided

#### **DENT 6029HO**

##### **Orthodontics C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Assessment: seminar performance, multiple choice questions & written assignment

This course covers the principles of examination and orthodontic diagnosis including the use of cephalometrics and the application of clinical orthodontic treatment relevant to the general practitioner. Prior completion of the orthodontics learning module is recommended. Readings and resources will be provided.

#### **DENT 6030HO**

##### **Periodontics C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, clinical skills and case report or online seminar

This course is aimed at the general practitioner wishing to upgrade skills in diagnosis, treatment planning and simple surgical procedures. Prior completion of the learning module Periodontics for the General Practitioner is an advantage.

#### **DENT 6031HO**

##### **Removable Prosthodontics Full C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, clinical skills and case report or online seminar

This course covers at an advanced level the management of edentulous patients. Students will undertake diagnosis and treatment planning for complete and immediate dentures and explore the evidence base for treatment options. Completion of the prosthodontic learning module would be an advantage.

## **DENT 6032HO**

### **Removable Prosthodontics Partial C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, clinical skills and case report or online seminar

This course covers at an advanced level the management of partially edentulous patients. Students will undertake diagnosis and treatment planning for removable partial dentures and explore the evidence base for treatment options. Completion of the Prosthodontics learning module would be an advantage.

## **DENT 6033HO**

### **Special Needs Dentistry C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Assessment: may include written assessment, clinical skills and case report or online seminar

This course will help students acquire an appreciation of reasonable treatment goals, dental management, and ethical and legal issues in relation to medically-challenged, intellectually-disabled, psychiatrically-disabled and functionally-impaired aged patients, including patients requiring hospital Management.

## **DENT 6034HO**

### **Dental Wear C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, clinical skills and case report or online seminar

This course will involve an interdisciplinary approach to management of the worn dentition. Students will learn to identify and understand the nature of the forms of non-carious loss of tooth structure including erosion, attrition and abrasion. The course will focus on how to clinically assess patients, identify their risk factors and plan short and long-term management. Participants will be brought up to date with current research. Case discussions will be part of the course.

## **DENT 6035HO**

### **Contemporary Restorative Practice C**

4 units - semester 1 or semester 2

Up to 3 hours per week

Available for Non-Award Study

Pre-Requisite(s): Completed BDS degree

Assessment: may include short written assignments, MCQs, participation in online discussions, interviews & technique exercises

This course is specifically designed for overseas-qualified dental practitioners preparing for entry to Bridging Dentistry, the examinations of the Australian Dental Council and/or studying toward a Graduate Certificate or Graduate Diploma. The theory and practice of current techniques in the basic clinical disciplines are covered. Topics include intra-oral radiography, local anaesthesia, current operative techniques, adhesive dentistry and endodontic

techniques. Online and paper resources support student learning in addition to a week of hands-on technical exercises on campus.

## **DENT 6036HO**

### **Aesthetic Dentistry C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, clinical skills and case report or online seminar

This course covers both the theory and practice of aesthetic dentistry. It explores new and existing techniques, case selection and treatment planning. Dental materials important to this discipline are also covered. Students have access to online resources and will need to complete key readings before attending an intensive hands-on course.

## **DENT 6037HO**

### **Panoramic Radiography C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: written assessment, practical technical critique of approx. 20 panoramic images

This course covers both the theory and practice of film-based and digital panoramic radiology. Theory topics are supported by online resources and include tomography, radiographic anatomy, image formation, equipment and patient management. Students wishing to be licensed in their own state should contact the relevant government authority and are likely to need access to supervised practice following the on-campus practical sessions.

## **DENT 6038HO**

### **Extra Oral Radiography C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: written assessment, practical technical critique of approximately 20 panoramic images

This course is primarily aimed at dental auxiliaries requiring the skills to safely produce the extra-oral images associated with orthodontic practice: lateral cephalometric and hand-wrist films. Theory topics are supported by online resources include radiographic anatomy, image formation, equipment and patient management. Exercises in cephalometric tracing and age determination will also form part of the course. Students wishing to be licensed in their own state should contact the relevant government authority and may need access to supervised practice following the course. It is recommended that students also complete a course in panoramic radiography.

## **DENT 6039HO**

### **Dental Trauma C**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: may include written assessment, clinical skills, case report or online seminar

This course explores a multidisciplinary approach to the management of dental trauma. In addition to emergency management in the field, this course includes the theory and practice of examination/assessment of the dental, oral and facial injuries, early dental management and endodontic treatment. The role of orthodontics, prosthodontics and other specialist disciplines in the short- and long-term management of dental trauma will also be covered. Students are supported by online reading material and resources.

#### **DENT 6058EX**

##### **Advanced Dental Selective**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Pre-Requisite(s): DENT 6055HO

Assessment: satisfactory completion of chosen project

This course offers candidates the opportunity to undertake advanced dental studies in a number of areas. It can include completion of an essay, development of a website, preparation for the Royal Australasian College of Dental Surgeons Primary Examination or other approved selective projects.

#### **DENT 6058HO**

##### **Advanced Dental Selective**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Pre-Requisite(s): DENT 6055HO

Assessment: satisfactory completion of research report or satisfactory completion of chosen project

This course offers candidates the opportunity to undertake advanced dental studies in a number of areas. It can include completion of an essay, development of a website, preparation for the Royal Australasian College of Dental Surgeons Primary Examination or other approved selective projects.

#### **DENT 6059EX**

##### **Advanced Dental Studies**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Pre-Requisite(s): DENT 6056HO

Assessment: satisfactory completion of research report or satisfactory completion of chosen project

To satisfactorily complete this course, candidates will be required to undertake either a small research project under supervision, or complete an alternative assignment(s) approved by the Graduate School Advisory Board.

#### **DENT 6059HO**

##### **Advanced Dental Studies**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Pre-Requisite(s): DENT 6056HO

Assessment: satisfactory completion of 3 learning modules or chosen project

To satisfactorily complete this course, candidates will be required to undertake either a small research project under supervision, or complete an alternative assignment(s) approved by the Graduate School Advisory Board.

#### **DENT 6063HO**

##### **Pain Management C**

2 units - semester 1 or semester 2

Available for Non-Award Study

Assessment: may include written assignments, MCQs, technical exercises & seminar presentation

This course is aimed at dental practitioners and auxiliaries with an interest in pain management in the dental surgery and the management of chronic pain in adults and children. Topics covered include physiology of pain, oral and dental pain pathways, local anaesthesia, relative analgesia, sedation and general anaesthesia, hypnosis, acupuncture, electrical anaesthesia, physical therapy, psychology, chronic pain and referral. Students will have some flexibility to focus on areas of interest. Students are supported by online reading material and resources and are required to attend a four-day clinical block on-campus.

#### **DENT 6064HO**

##### **Oral Medicine C**

2 units - semester 1 or semester 2

Available for Non-Award Study

Assessment: may include written assignments, MCQs, case report

This course reviews common and important topics in oral medicine and demonstrates their laboratory and clinical applications. The course is a combination of review presentations, interactive seminars and clinical demonstrations. Students will be required to read key references and explore resources on MyUni prior to the course. Students are required to attend a three-day clinical block on-campus. They are encouraged to bring along interesting cases for discussion.

#### **DENT 6065HO**

##### **Paedodontics C**

2 units - semester 1 or semester 2

Assessment: may include written assignments, MCQs, case report

The aim of this course is to equip practitioners with the information and skills to enjoy the rewards of treating children and those with special needs. Topics to be covered include: growth and development, treatment planning for paediatric and special needs patients, updates in pulp therapy, dental trauma and dental materials for the paediatric population, oral pathology and minor oral surgery, pharmacological and non-pharmacological behaviour management and treatment planning and treatment in the operating theatre. Assessment tools in special needs dentistry as well as speech pathology for dental practitioners will also be included. Students are required to attend a four-day preclinical course on-campus. Time will be set aside for participants discuss their own cases and treatment planning options.

#### **DENT 6067EX**

##### **Dental Selective**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Assessment: satisfactory completion of research project or satisfactory completion of chosen project

This course offers candidates the opportunity to undertake advanced dental studies in a number of areas. It can include completion of an essay, development of a website, preparation for the Royal Australasian College of Dental Surgeons Primary Examination or other approved selective projects.

### **DENT 6067HO**

#### **Dental Selective**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Assessment: satisfactory completion of research project or chosen project

This course offers candidates the opportunity to undertake advanced dental studies in a number of areas. It can include completion of an essay, development of a website, preparation for the Royal Australasian College of Dental Surgeons Primary Examination or other approved selective projects.

### **DENT 6068EX**

#### **Dental Studies**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Assessment: three learning modules and participation in weekly seminars

To satisfactorily complete this course, candidates will be required to undertake either a small research project under supervision, or complete an alternative assignment(s) approved by the Graduate School Advisory Board.

### **DENT 6068HO**

#### **Dental Studies**

3 units - semester 1 or semester 2

Restriction: Available to GradDipClinDent students only

Assessment: three learning modules and participation in weekly seminars

To satisfactorily complete this course, candidates will be required to undertake either a small research project under supervision, or complete an alternative assignment(s) approved by the Graduate School Advisory Board.

### **DENT 6071EX**

#### **Contemporary Dental Practice B**

3 units - semester 1 or semester 2

Restriction: Available to GradCertDent students only

Available for Non-Award Study

This course is a continuation of Contemporary Dental Practice A. All candidates complete study in the areas of dynamics of the oral environment and non-surgical minimum intervention. Then candidates select four additional topics within their field of practice.

### **DENT 6071HO**

#### **Contemporary Dental Practice B**

3 units - semester 1 or semester 2

Up to 5 hours per week

Restriction: Available to GradCertDent students only

Available for Non-Award Study

Assessment: multiple choice questions, treatment plans, essays, scientific reports

This course is a continuation of Contemporary Dental Practice A. All candidates complete study in the areas of dynamics of the oral environment and non-surgical minimum intervention. Then candidates select four additional topics within their field of practice.

### **DENT 6072HO**

#### **Oral Sleep Medicine C**

2 units - semester 1 or semester 2

Short intensive course, approximately 24hrs contact time

Restriction: Available to GradCertDent students only

Available for Non-Award Study

A quota of 12 applies

Assessment: Written assessment, technique work and case report.

This course covers both the theory and practice of oral sleep medicine with particular emphasis on the provision of mandibular advancement splints (MAS) for obstructive sleep apnoea (OSA) and snoring. Students will use readings prior to attending a theory and hands-on course. Topics covered include understanding aspects of OSA including treatments such as CPAP, surgery and MAS and the range and mechanism of oral appliances that are available, understanding of Polysomnogram reports and the importance of a multidisciplinary approach to treating snoring and OSA.

### **DENT 8003AHO/BHO**

#### **Interdisciplinary Seminars in Clin. Dentistry Pt 1 & 2**

0 units - full year

Up to 1 hour per week

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8002A/BHO

Assessment: presentation of clinical case

The course of seminars and case presentations aims to provide postgraduate students with a broad appreciation of current knowledge in other specialty areas, using topics and cases requiring a specialised, interdisciplinary approach. Special emphasis will be given to analysis of cases using an evidence based approach (see DENT 8001AHO/BHO Research Methods, Experimental Design, & Ethics).

### **DENT 8004HO**

#### **Doctor of Clinical Dentistry Research A**

**6 units - semester 1**

Up to 10 hours per week

Restriction: Available to DClinDent students only

Assessment: demonstration of progress within research project, submission of research proposal

Students will undertake a research project related to the discipline named on the degree.

### **DENT 8005HO**

#### **Doctor of Clinical Dentistry Research B**

6 units - semester 2

Up to 10 hours per week

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8004HO

Assessment: demonstration of progress within research project, completion of literature review

Students will continue a research project related to the discipline named on the degree.

### **DENT 8006HO**

#### **Doctor of Clinical Dentistry Research C**

6 units - semester 1

Up to 10 hours per week

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8005HO

Assessment: demonstration of progress within research project, completion of experimental work

Students will continue a research project related to the discipline named on the degree.

#### **DENT 8007HO**

##### **Doctor of Clinical Dentistry Research D**

6 units - semester 1 or semester 2

Up to 10 hours per week

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8006HO

Students will continue a research project related to the discipline named on the degree.

#### **DENT 8012AHO/BHO**

##### **Spec Clin Dent-Max Facial Radiology VIII Pt 1 & 2**

24 units - full year

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8011 AHO/BHO

This course builds upon knowledge and clinical skills developed in DENT 8011AHO/BHO Specialist Clinical Dento-Maxillo Facial Radiology VII.

#### **DENT 8032AHO/BHO**

##### **Specialist Clinical Forensic Odontology VIII Pt 1 & 2**

24 units - full year

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8030AHO/BHO

Co-Requisite(s): DENT 8001A/BHO

History of forensic odontology. International legal systems and the coronial system. Relationship of the police to the practice of forensic odontology. Methods of investigation of civil and criminal matters. Preservation and recovery of dental evidence including forensic dental photography. Dental autopsy techniques and principles and practices of forensic dental identification. Interpretation of dental records. Single and multiple victim identification emphasising management, international protocols and cultural aspects. Computerisation in dental identification. Alternate methods of dental identification, including video and computer imaging in cranio-facial video superimposition. General principles of forensic pathology with emphasis on time of death, time since death, autopsy techniques and injury assessment. Interdisciplinary nature of forensic specialities. The scope and history of physical anthropology. Osteology and anatomy of the skull and face. Comparative anatomy and evolution. The importance of anthropology in disaster victim identification. General principles of oral pathology with particular emphasis on the structure of human skin, patterns of injury and healing. Analysis of biting patterns and forces of the masticatory system. Collection and preservation of bitemark evidence. Principles and techniques of bite mark investigations. Forensic report writing. Presentation of evidence in court. Occupational health and safety. Public speaking and community education in forensic odontology.

#### **DENT 8052AHO/BHO**

##### **Specialist Oral and Maxillofacial Surg. VIII Pt 1 & 2**

24 units - full year

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8051A/BHO

Co-Requisite(s): DENT 8001A/BHO

This course builds upon knowledge and clinical skills developed in DENT 8051AHO/BHO Specialist Oral and Maxillofacial Surgery VII.

#### **DENT 8092AHO/BHO**

##### **Specialist Paediatric Dentistry VIII Part 1 & 2**

24 units - full year

Restriction: Available to DClinDent students only

Pre-Requisite(s): DENT 8091A/BHO

Co-Requisite(s): DENT 8001A/BHO

Assessment: clinical performance, completion of patient log book, written & oral exams

This course involves a series of seminars, assigned readings, assignments and case presentations on clinical aspects of the speciality. Students will be involved with the clinical management at a specialist level of children and adolescents with a wide variety of clinical dental problems. At the conclusion of this course, students should have acquired the following generic skills: Advanced skills and techniques applicable to the discipline of paediatric dentistry; The ability to provide leadership in paediatric dentistry; A superior capacity to articulate their knowledge and understanding in oral and written presentations; Advanced understanding of the international context and sensitivities of the specialist area

## **General Practice**

#### **GEN PRAC 5005HO**

##### **Counselling Skills 1**

3 units - semester 1

Up to 2 hours per week

Counselling Skills 1 introduces students to the fundamental elements of counselling and psychotherapy. Purposes and goals of the counselling process will be presented with an emphasis on the unique relationship between the client and the counsellor.

Development of the therapeutic relationship in relation to specific skills are covered such as: active listening, reflection of content (paraphrasing) and feeling, use of questions and summarising and multi-cultural issues.

A core component of this subject will be the implementation and practice of the specific skills taught. Students will be given maximum opportunity to develop these skills in a safe and supportive learning environment.

#### **GEN PRAC 5006HO**

##### **Ethics in the Workplace**

3 units - semester 1

3 day intensive

This subject aims to provide scope for the application of knowledge and skills either in the context of the student's own workplace or that of a suitable agency, institution or service in which the counselling of clients can occur.

The course orients students toward issues that are important in professional counselling, including:

- Ethical issues;
- Accountability;
- Legal issues, including professional indemnity;
- Mandatory reporting and working with children who need protection;
- Record keeping and report writing;

- Supervision;
- Professional counselling organisations;
- Qualities of effective counsellors and the needs of counsellors;
- Professional issues around establishing the counselling relationship, assessment, therapy and termination;
- Ongoing development and maintenance of counselling skills.

### **GEN PRAC 5007HO**

#### **Attachment across the Lifespan**

3 units - semester 1

Up to 2 hours per week

Attachment across the Lifespan introduces students to the theoretical understanding of attachment theory and its ongoing influence in the bio-psycho-social development in people's lives. Theoretical understandings into developmental lifespan such as Erikson, Piaget, Fowler and Kolberg are also introduced.

Emphasis will be placed upon the integration of theoretical understandings and the lived experience of students. It will offer students a unique opportunity to assess their own attachment history in relation to their bio-psycho-social development.

### **GEN PRAC 5008HO**

#### **Counselling and Psychotherapy Theories**

3 units - semester 1

Up to 2 hours per week

There are many different approaches to counselling and psychotherapy. This subject will introduce students to the key philosophical and theoretical approaches which guide current practice. Areas covered include Psychoanalytic Theory, Existential Theory, Jungian Therapy, Psychosynthesis, Cognitive Behaviour Therapy, Acceptance Commitment Therapy and Mindfulness, Narrative Therapy, Family Systems, Group work and Multi-Modal therapy.

Lectures will be presented by specialist practitioners from the different theoretical backgrounds giving students an introduction to the theoretical concepts of each therapeutic approach and an understanding of the application of each approach in the workplace.

### **GEN PRAC 6018HO**

#### **Counselling Skills 2**

3 units - semester 2

Up to 2 hours per week

Counselling Skills 2 is a continuation and consolidation of the principles and aims of Counselling Skills 1. Students will be given an opportunity to continue the practice and development of their counselling skills and move towards becoming a competent and effective counsellor.

Students will be given maximum opportunity to develop these skills in a safe and supportive learning environment.

### **GEN PRAC 6019HO**

#### **Introduction to Mental Health**

3 units - semester 2

3 day intensive

Introduction to Mental Health will provide students with an overview of the key mental health issues facing government, health providers and the community today. This subject will enhance knowledge and understanding of areas such as: mood disorders - depression, anxiety and bi-polar disorder; suicide and suicide prevention; eating

disorders, medication, postnatal depression and personality disorders.

Student's knowledge and understanding of mental health issues will aid in their ability to reflect critically about delivery of care and aid in the appreciation of the skills required to work in this field.

### **GEN PRAC 6020HO**

#### **Research Methods**

3 units - semester 2

Up to 2 hours per week

This subject provides a framework for understanding the strengths and weaknesses of the different methodologies available for the use in health science research. Students will be provided with an introduction to both qualitative and quantitative approaches. Students will develop the skills to critically evaluate studies and gather information to a literature review.

Another area of focus will be on assisting students to design research studies in order to answer clinical questions and evaluate clinical programs. Other areas covered in this subject will be the research process, developing a research question, ethical issues and a range of methods for data gathering.

### **GEN PRAC 6021HO**

#### **Nature of Grief**

3 units - semester 2

Up to 2 hours per week

This course aims to provide an experiential, theoretical and evidence based framework for understanding the nature and characteristics of grief, and its potential to affect any dimension of the individual: physical, emotional, psychological, social, behavioural and spiritual.

Students will also be introduced to some of the current controversies regarding grief and the nature and process of integrating the grief experience into the pattern of living. An opportunity will be given for students to examine their own personal grief experience, with a view to building an appreciation of the wide variety of grief experiences and responses reported by individuals.

### **GEN PRAC 7101HO**

#### **The Nature of Grief**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only, or with permission of Course Coordinator

Assessment: to be advised

This course provides an experimental, theoretical and evidence-based framework for best practice care and intervention relevant to counsellors. The nature and effects of grief, processes of recovery from bereavement and the factors that may affect its course will be discussed. The effects of context, gender, age and culture on the grieving process will also be explored. There will be scope for self-reflective learning to examine personal experiences and attitudes to loss and how these may influence approaches to clients and patients. Emphasis will be placed on the clinical applications of the principles learned in the course.

### **GEN PRAC 7102HO**

#### **Loss and Grief**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course presents an overview of the paradigm of loss and explores the benefits of expressing loss as narrative. A range of diverse circumstances in which loss and grief may be experienced, such as the breakdown of relationship, illness and disability, adoption, trauma and migration, will be presented, and students will examine relevant issues, supportive intervention and appropriate referral. Students will be encouraged to reflect on their own work experience and practice and will have the opportunity to explore a specific loss of their own choice.

### **GEN PRAC 7103HO**

#### **Issues in Death and Dying**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course comprises three main topics: legal issues, ethical issues and exploring death and dying. Legal issues will cover the role of the Law in death and dying, with specific reference to the acts associated with death and the subsequent legal process. Ethics will address basic ethical theory and the application thereof. Practical ethical problems will be presented. Exploring death and dying will present multidisciplinary views on terminal illness and dying, including physiological and psychological aspects of death and dying, the philosophy and delivery of palliative care, and living with a terminal illness.

### **GEN PRAC 7104HO**

#### **Supervised Field Education**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course provides an introduction to professional issues relating to counselling, and a short placement within an organisation. Students will have the opportunity to apply their knowledge and skills either in the context of the student's own workplace (if suitable) or of an agency, institution or service in which counselling of clients or patients takes place. Students will be invited to engage actively in a process of collaborative reflection on and analysis of counselling cases and issues, in order to consolidate their learning and to achieve personal insight and development within a professional perspective.

### **GEN PRAC 7105HO**

#### **Grief Counselling I**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course provides an introduction to the practice of grief counselling. Evidence for effectiveness in therapeutic practice is explored and the importance of the self-aware counsellor in successful therapeutic interaction is stressed. The practical skills and theory necessary for creating and maintaining counselling relationships, and for the effective exploration of problems in the context of grief counselling, are presented. This includes an understanding of the counselling process, and the application of skills within the context of a counsellor/client relationship.

Students will be encouraged to integrate the principles and skills learned with their own personal and professional experience and to apply them to the requirements of their specific work practice.

### **GEN PRAC 7106HO**

#### **Grief Counselling II**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course seeks to provide a broad understanding of the major theories and approaches to psychotherapy and counselling since the 20th century. Historically, some of the most well known and important approaches have included Psychodynamic, Cognitive-Behavioural and Humanistic. This course briefly covers the above-mentioned and a range of other approaches and seeks to address current trends in counselling and psychotherapy where practitioners typically approach their work with great diversity, flexibility and creativity. Applications of each approach to grief counselling are examined.

### **GEN PRAC 7107HO**

#### **Grief Counselling III**

2 units - semester 1 or semester 2

Up to 2.5 hours per week

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

Students will examine the role of the counsellor in counselling, and explore specific factors that influence the nature and functioning of the therapeutic alliance. Grief counselling will be considered in relation to a number of specific situations and from multiple view points (e.g. counselling bereaved families). Students are encouraged to integrate the principles and skills learned with their own personal and professional experience and to apply them to the requirements of their specific work practice.

### **GEN PRAC 7201HO**

#### **Grief and Spirituality**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course recognises the importance of spiritual issues in counselling and therapeutic work with those experiencing grief. The distinction between religion and spirituality is drawn and the emergence of spiritual questions during challenging developmental or situational transition times is examined. The particular contributions of Christian and Buddhist and transpersonal frameworks to the task of caring for others are reviewed, and the importance of rituals and symbols in grief work is included.

Students are encouraged to reflect on their own experience of the connections between grief and spirituality and to consider their attitudes to spiritual issues in counselling. Emphasis will be placed on understanding and identification of appropriate incorporation of spiritual dimensions in clinical practice.

## **GEN PRAC 7202HO**

### **Grief Studies**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course provides an opportunity for the exploration of specialised areas of grief. Topics selected may include, for example, the facilitation of grief and palliative care support groups, men's issues in grief and counselling, cultural differences in grief. For information regarding the topic for 2009 please contact the Program Director, Department of General Practice.

## **GEN PRAC 7205HO**

### **Advanced Grief Counselling IA**

1 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course provides an opportunity for students to receive supervision of their current and ongoing work with clients. Students are required to provide evidence of their ability to deal appropriately with the needs of clients or patients and to demonstrate adequate insight and knowledge of the counselling process in reflections on their practice. Case histories will be presented and discussed.

## **GEN PRAC 7206HO**

### **Advanced Grief Counselling II**

3 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

Students will be introduced to one practical therapeutic approach (for example cognitive behavioural therapy) with a specific focus on the philosophy, practice and techniques and its application to grief and loss. The course tailors these techniques specifically to a range of client and patient populations who are suffering or experiencing grief. Students will be given the opportunity to experience various techniques and exercises drawn from the teachings, practitioners and tradition. The Practicum provides an opportunity for students to apply and demonstrate the learned principles and techniques to clients and patients under the guidance of a supervisor.

Students are encouraged to formulate a personal and integrated counselling approach to grief-related work, and to reflect on the appropriate application and usage of different counseling models in their specific work contexts, professional skills and personal style.

## **GEN PRAC 7207HO**

### **Advanced Grief Counselling III**

3 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

Students will be introduced to one practical therapeutic approach (eg, the transpersonal) with a specific focus on the philosophy, practice and techniques and its application to grief and loss. The course tailors these techniques specifically to a range of client and patient populations who are suffering or experiencing grief. Students will be given the opportunity to experience various techniques and exercises drawn from the teachings, practitioners and tradition.

The Practicum provides an opportunity for students to apply and demonstrate the learned principles and techniques to clients and patients under the guidance of a supervisor.

Students are encouraged to formulate a personal and integrated counselling approach to grief-related work, and to reflect on the appropriate application and usage of different counselling models in their specific work contexts, professional skills and personal style.

## **GEN PRAC 7209HO**

### **Research Design and Methodology**

2 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course is designed to provide students with a broad introduction to research process and methods. The processes covered are selected with particular reference to issues pertaining to researching questions within the health care system. Content includes an introduction to health research, formulating a research question, searching the literature, ethical issues, research design, quantitative and qualitative methodology and the writing of a research proposal. At the conclusion of the course participants should be in the position of being able to choose, with justification, from a variety of contemporary methods and apply one method to a research question of their choice.

## **GEN PRAC 7210HO**

### **Advanced Grief Counselling IB**

1 units - semester 1 or semester 2

Restriction: Available to GradCertGrief&PCCouns, GradDipGrief&PCCouns & MGrief&PCCouns students only

Assessment: to be advised

This course provides an opportunity for students to receive supervision of their current and ongoing work with clients. Students are required to provide evidence of their ability to deal appropriately with the needs of clients or patients and to demonstrate adequate insight and knowledge of the counselling process in reflections on their practice. Case histories will be presented and discussed.

## **GEN PRAC 7304HO**

### **MGPCC Dissertation (full-time)**

12 units - semester 1 or semester 2

Restriction: Available to MGrief&PCCouns students only

Pre-Requisite(s): Completion of MGrief&PCCouns coursework courses

Assessment: to be advised

The dissertation is the final requirement of the MGPCC and should therefore reflect what the student has learned from the core and elective course work on the Graduate Certificate and Diploma programs. Unless exempted by the Board of Studies\*, the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation.

\* Exemptions will be rare but may be necessary in some circumstances to avoid significant disadvantage to a particular student.

## **GEN PRAC 7404AHO/BHO**

### **MGPCC Dissertation (Part-time) Part 1 & 2**

12 units - full year

Restriction: Available to MGrief&PCCouns students only

Pre-Requisite(s): Completion of MGrief&PCCouns coursework courses

Assessment: dissertation

The dissertation is the final requirement of the MGPCC and should therefore reflect what the student has learned from the core and elective course work on the Graduate Certificate and Diploma programs. Unless exempted by the Board of Studies\*, the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation. This course needs to be undertaken with MGPCC Dissertation (part-time) Part 1 to fulfil the requirements of the dissertation.

\* Exemptions will be rare but may be necessary in some circumstances to avoid significant disadvantage to a particular student.

## **Nursing**

### **NURSING 5101HO**

#### **Apheresis Nursing I**

6 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to GradCertNursSc students only

Assessment: Assignment, tutorial presentation/synopsis, case study - students must pass each component of course

This course will examine nursing and medical science underpinning therapeutic and donor apheresis. Topics will include vascular access, pharmacology in apheresis, principles of basic haematology, coagulation, the ABO/Rh system and immunology. Basic pathophysiology of diseases treated by therapeutic apheresis will be covered. Students will also examine the principles of therapeutic apheresis including plasma exchange, neurological and metabolic disorders as well as haematological disorders. This course will be studied by the flexible learning mode.

### **NURSING 5102HO**

#### **Apheresis Nursing II**

6 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to GradCertNursSc students only

Assessment: Poster, tutorial presentation/synopsis, case study - students must pass each component of course

This course will examine apheresis procedures with a focus on patient/donor centred issues. Topics will include red cell exchange, cyto-reduction; donor selection and management, patient care including care of paediatric patients, common complications, validation of procedures and processes, legal and professional issues.

### **NURSING 5103HO**

#### **Hyperbaric Nursing II**

6 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to GradCertNursSc students only

Assessment: 2000 word mid term assignment 25%, tutorial presentation with full text narrative (2000 word) equiv) 25%, 3500 word essay 50%

This course will build on the topics considered in hyperbaric Nursing I and will be studied by the flexible learning mode. Topics will include safety issues relating to hyperbaric nursing and advanced clinical issues such as unit Management.

### **NURSING 5104HO**

#### **Microbiology and Epidemiology**

6 units - semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Portfolio of Activities (3000 words), Essay (1500 words), Course Workbook

This course builds on the student's knowledge of basic microbiology and will consider the epidemiology of common infectious diseases seen within the Australian population. The role of the infection control nurse will be considered in relation to epidemiological research, education and disease surveillance. Microbiology topics included the diagnosis, transmission and surveillance of infectious diseases.

### **NURSING 5105HO**

#### **Principles and Practices of Retrieval Nursing**

6 units - semester 1

Up to 2 hours per week

Restriction: Available to GradCertNursSc students only

Assessment: 3000 word essay 50%, case presentation & synopsis 50%, clinical skills Pass/Fail, clinically supervise retrieval mission Pass/Fail - students must pass each component

This course will present the principles of retrieval and the physical and psychosocial needs of patients. Topics will include anatomy, physiology, psychosocial care, nursing care of retrieval patients and aeronautical medicine. International repatriation and retrieval of patients requiring hyperbaric treatment will also be considered. Students will be required to participate in supervised field experience in a level 3 intensive care unit for 150 hours.

### **NURSING 5106HO**

#### **Trauma Nursing**

6 units - semester 2

Up to 3 hours per week

Restriction: Available to GradCertNursSc students only

Pre-Requisite(s): CLIN NUR 5105HO

Assessment: 3000 word essay 50%, case presentation & synopsis 50%, clinical skills pass/fail, clinically supervise retrieval mission pass/fail - students must pass each component

This course will examine nursing and medical science in relation to trauma, the principles of trauma nursing and the physical and psychosocial needs of those who experience trauma. Topics will include anatomy, physiology, psychosocial care, nursing care of trauma patients, principles of early management of severe trauma (EMST) and the teaching/learning process in patient education. Students will be required to participate in supervised field experience in a level 3 ICU for 150 hours and in addition participate as an active team member in a minimum of 5 retrievals.

## **NURSING 5109HO**

### **An Introduction to Evidence Based Health Care**

6 units - semester 1 or semester 2

Flexible delivery mode

Assessment: 2000 word formulation of clinical question, 2000 word types of evidence, 3500 word development of search strategy

This course will introduce the concept of evidence based practice. Topics will include the history of Evidence Based Health Care and constructing a question (topic identification). Students will develop skills in searching for evidence and determining the quality of evidence using critical appraisal of literature.

## **NURSING 5110HO**

### **Change Management and Evaluation**

6 units - semester 1 or semester 2

Flexible delivery mode

Assessment: 2000 word essay, 2000 word annotated bibliography, 3500 word plan for implementation strategy

This course will consider the issues and strategies used to implement Evidence Based Practice. Change management theories and their applicability to nursing will be examined. Evaluation of practice change and clinical audit will also be considered.

## **NURSING 5111HO**

### **Critical Reading in Clinical Nursing**

3 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to MNSc students only

Assessment: Proposal (1,250 words), Report (2,500 words)

This course is designed to equip students with the knowledge and skills to access, critique evidence to inform their practice with the aim of improving patient care. Specifically, the course is process oriented rather than content oriented. Thus, the course content consists of some broad guidelines on how to plan, carry out and report on the students reading. This study guide overviews; searching the literature, assessing the quality of a research report and writing up a systematically developed report on your reading.

## **NURSING 6101HO**

### **Developing Advanced Practice in Health Systems I**

4 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to GradDipNursSc students only

Assessment: Portfolio

This course will consider a number of issues faced by registered nurses in advanced practice settings. Concepts such as accountability, decision-making and politics are considered as this course assists students to explore the supports and constraints within which nurses' work. Some specific issues such as legal-ethical matters, leadership, specialisation, evidence based practice, transcultural nursing and being part of a multi-disciplinary team are addressed with regard to the present and future role of the registered nurse.

## **NURSING 6102HO**

### **Developing Advanced Practice in Health Systems II**

4 units - semester 1 or semester 2

Up to 2 hours per week

Restriction: Available to GradDipNursSc students only

Assessment: 1250 word clinical audit proposal 25%, 3750 word clinical audit report 75%

Drawing on your knowledge from your previous and current studies as well as your experience as a nurse this course assists you to systematically evaluate an area of nursing practice by engaging in the process of a clinical audit.

## **NURSING 6103HO**

### **Focused Reading in Clinical Nursing**

4 units - semester 1 or semester 2

By supervision

Restriction: Available to GradDipNursSc students only

Assessment: 1500 word literature review protocol, 3500 word literature review report

This course will examine contemporary clinical nursing practice through a systematic review of the literature. Students will be required to follow a protocol to ensure scientific rigour and minimise potential bias.

## **NURSING 6116HO**

### **Hyperbaric Nursing I**

6 units - semester 1 or semester 2

Restriction: Available to GradCertNursSc & GradDipNursSc students only

Assessment: skills check list pass/fail workbook 35%, structured clinical assessment 35%, 1 hour exam 35% - students must pass each component

This course will examine nursing and medical science in relation to the indications for hyperbaric treatment, the principles of hyperbaric nursing and the physical and psycho-social needs of those undergoing hyperbaric treatment. Topics will include anatomy, physiology, psychosocial care, hyperbaric management and the teaching/learning process in patient education. Students will be required to participate in field experience.

## **NURSING 6117HO**

### **Infection Control Nursing**

6 units - semester 1

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Essay (1500 words), Teaching Project (3250 words), Clinical Scenario (2000 words)

This course will examine nursing and medical science in relation to the control of infection. Topics include decontamination and sterilisation of medical devices, the clinical management of the patient with an infectious disease or infection, the teaching/learning process in staff education and other contemporary issues within infection control.

## **NURSING 6136HO**

### **Contemporary Issues in Aged Care**

4 units - semester 1 or semester 2

Up to 2 hours per week

Restriction: Available to GradDipNursSc students only

Assessment: 2500 word essay activity portfolio 50%, 2500 word essay 50%

This course will examine contemporary issues and debates specifically related to service delivery in the aged care sector. The impact of government policies and funding arrangements on the delivery of professional services to elderly people will be studied in

detail. Courses will be directly related to the management and administration of a nursing service for elderly people in Australia.

### **NURSING 6138HO**

#### **Gerontological Nursing**

4 units - semester 1 or semester 2

Up to 2 hours per week, plus 200 hours clinical practice

Restriction: Available to GradDipNursSc students only

Assessment: Portfolio, word essay. Students must pass every component

This course examines the ageing process and uses the knowledge gained from understanding the ageing process to advance clinical skill acquisition based on theoretical frameworks of care through field based learning within the area of Gerontological Nursing

### **NURSING 6145HO**

#### **Intensive Care Nursing II**

4 units - semester 2

Up to 2 hours per week, plus 300 hours clinical practice

Restriction: Available to GradDipNursSc students only

Assessment: 2500 word case study 50%, 30 min. structured clinical assessment 50%, competency assessment pass/fail - students must pass each component

This course will build on student's previous learning in Intensive Care Nursing I. It will focus on advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of Intensive Care nursing.

### **NURSING 6199HO**

#### **Therapeutic Advances in Acute Mental Health**

4 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to GradDipNursSc students only

Pre-Requisite(s): Registration with Nurses Board of South Australia or equivalent as a registered nurse

Assessment: portfolio 70%, 1500 word annotated bibliography 30% - students must pass each component

The nurse will focus on the beginning development of their own therapeutic system drawing on models and theories from the humanistic, cognitive and behavioural therapies.

### **NURSING 6200HO**

#### **Community Mental Health Nursing**

4 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to GradDipNursSc students only

Pre-Requisite(s): Registration with Nurses Board of South Australia or equivalent as a registered nurse

Assessment: portfolio 70%, 1500 word Annotated bibliography 30% - students must pass each component

This course will focus on the process and principles of community mental health nursing. Topics covered include case management, multidisciplinary teamwork, community development, psychosocial rehabilitation and consumer self-empowerment strategies.

### **NURSING 6201HO**

#### **Advanced Infection Control Practice**

4 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to GradDipNursSc students only

Assessment: Essay, business case, students must pass every component

This course will examine issues related to advanced infection control practice within the clinical setting. Students will cover various practice-related issues within their specific health care setting with particular reference to managing change of infection control practice.

### **NURSING 6204HO**

#### **Co-Existing Addiction and Mental Health Disorders**

6 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to GradDipAdd&MentalHlth students only

Assessment: Learning portfolio, Annotated Bibliography and Tutorials

This course will examine the scientific basis of addiction, mental health and related comorbidities (co-morbidity). Issues to be discussed include, comparative epidemiology, national mental health and drug and alcohol policy (e.g. National Comorbidity Project), integrated systems for evidence based interventions, research methodologies, specialised responses and the need for a holistic philosophy of practice.

The first part of the course provides the background by giving an overview of co-morbidity. We examine the concepts and theories underpinning the co-existence of addiction, mental illness and other co-existing disorders in an individual and present them in the worldwide and local contexts.

The second part of the course deals with the practitioner and consultation-liaison response to co-morbidity in the areas of adolescence, Indigenous and migrant cultures, pregnancy and childbirth, forensics and defence forces. We examine best practice for service providers and practitioners to provide effective therapeutic interventions and coordinated approaches.

### **NURSING 6205HO**

#### **Mental Health**

6 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to GradDipAdd&MentalHlth students only

Assessment: Learning portfolio, Essay and Tutorials

This course will examine the theory and practice of the carer-client relationship as the foundation of mental health and addiction care. It will examine the fundamentals of mental illness (depression, anxiety disorders, psychosis, post traumatic stress disorder, personality disorder etc), and causes (biochemical, neurological, behavioural, developmental, genetic, social etc), treatments (pharmacological, psychological, spiritual) and health care models (shared care, acute inpatient, outpatient, community and recovery approaches) which form the basis of best mental health and addiction care. The course will also examine mental health and addiction from the perspectives of the National Mental Health Reforms and alcohol and other drug policy making on a national, state and local government level.

### **NURSING 6273EX**

#### **Pathology & Pharmacology**

3 units - semester 1 or semester 2

Restriction: Available to GradDipNursSc students only

Available for Non-Award Study

Assessment: Project 50%, Examination 50%

This course advances students' understanding of pathology and pharmacology, as they relate specific diseases. Students are required to apply this knowledge to clinical problems encountered in their daily nursing practice.

### **NURSING 6274EX**

#### **Wound Management**

4 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to GradDipNursSc students only

Available for Non-Award Study

Assessment: 2500 word wound assessment form 50%, 2500 word self evaluation & critical reflection 50%

This course will require some field-based learning. Students will be expected to develop expertise based on current research evidence and reflective practice. The course is designed to encourage the participant to explore current concepts in wound management, including the vital aspect of appropriate assessment. The issues that students will be expected to develop include literature searching and critical evaluation skills.

### **NURSING 7001HO**

#### **Empirical/Analytical Research in Health**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to MNSc, MGrief&PCCouns, GradCertPH, GradDipPH, MPH & GradDipOH&SMgt students only

Assessment: Word portfolio, research proposal

This course will build on students' previous learning on the empirico/analytical paradigm and focus on research design from this perspective. Topics will include experimental and quasi-experimental design; surveys; developing hypotheses; sampling; approaches to data collection; reliability and validity. Students will also be introduced to published nursing research reports which utilise this perspective and will be required to subject these to rigorous critique.

### **NURSING 7002HO**

#### **Interpretive and Critical Research in Health**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to MNSc, MGrief&PCCouns, GradCertPH, GradDipPH, MPH & GradDipOH&SMgt students only

Assessment: Essay, research proposal

This course will build on students' previous learning on the interpretive and critical paradigms and focus on research design from this perspective. Topics will include the critique of positivism and an introduction to interpretive methodologies, such as grounded theory, ethnography and phenomenology. There will be a brief overview of critical methodologies (feminist research and action research). Practical research activities such as literature searching, conducting interviews and coding qualitative data will also be provided.

### **NURSING 7003HO**

#### **International Issues in Nursing Service Delivery**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to MNSc students only

Assessment: 2 essays

This course is designed to introduce students to a variety of topical issues related to the health care system and nurses' roles within it, both on a national and international level. Topics will include health and the environment, the epidemiology of disease, epidemiological tools, poverty, global conflict, the economics of health care, political awareness, leadership and spheres of nursing.

### **NURSING 7004HO**

#### **The Emergence of A Theoretical Base for Nursing**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to MNSc students only

Assessment: 3000 word portfolio 50%, 3000 word essay 50%

This course will build on students' previous learning on nursing theory and will critique current discourses in nursing on theory development. Students will critically analyse nursing and locate and discuss the origins of dominant theories in nursing. They will apply and subsequently transform theory from other disciplines which inform nursing, develop theoretical understanding of nursing and advance the discipline of nursing through theoretical nursing in practice.

### **NURSING 7005HO**

#### **Research Dissertation A**

12 units - semester 1 or semester 2

By supervision

Restriction: Available to MNSc students only

Assessment: 20,000-25,000 word research dissertation

This component of the program requires the student to identify a research question or problem; obtain appropriate ethical approval for the study; to carry out a small research study based on this question; and to submit a fully developed report.

### **NURSING 7006HO**

#### **Research Dissertation A Stage I**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to MNSc students only

Assessment: submission, peer review & ethical approval of research proposal

This component of the program requires the student to identify a research question or problem, to develop a research proposal and commence data collection.

### **NURSING 7007HO**

#### **Research Dissertation A Stage II**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to MNSc students only

Assessment: 20,000 - 25,000 word dissertation

This component of the program requires the student to identify a research question or problem, to carry out a small research study based on this question; and to submit a fully developed report.

### **NURSING 7008HO**

#### **Research Dissertation B Stage 1**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to MNSc students only

Assessment: Submission, peer review and ethical approval of a research proposal

This component of the program requires the student to identify a research question or problem; to carry out a substantial research study based on this question; and to submit a fully developed report.

### **NURSING 7009HO**

#### **Research Dissertation B (P/T) Progressing**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to MNSc students only

Assessment: students receive satisfactory/unsatisfactory grade

This component of the program requires the student to continue to work on their research.

### **NURSING 7010HO**

#### **Research Dissertation B (P/T) Final**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to MNSc students only

Assessment: 30,000 - 35,000 word dissertation

This component of the program requires the student to identify a research question or problem, to carry out a substantial research study based on this question, and to submit a fully developed report.

### **NURSING 7011HO**

#### **Leadership & Management in Nursing**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to MNSc students only

Assessment: Essay (3000 words), Portfolio (2000 words)

This course is designed to provide students with an opportunity to consider a number of issues faced by registered nurses in advanced practice settings. Concepts such as accountability, ethical decision-making, advocacy, leadership in nursing practice, culturally competent nursing, evidence based practice and the nurse practitioner role are considered as this course assists the student to explore the perimeters within which nurses' practice.

### **NURSING 7012HO**

#### **Systematic Reviews of Research**

3 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to MNSc students only

Assessment: Essay (2000words), Review Protocol (3000 words)

This course is designed to enable students to understand why reviews of research are needed and their role in health care decision making, develop skills to critically evaluate different types of reviews in order to make informed decisions for changes in practice and develop skills in reviewing the research literature to enable them to undertake their own systematic review.

### **NURSING 7013HO**

#### **Systematic Review Project**

6 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to MNSc students only

Pre-Requisite(s): NURSING 7012HO

Assessment: Review Report (6000 words), Article for Publication (4000words)

This course provides students with the opportunity to explore one aspect of their nursing practice through the conduct of a focussed systematic review. Conducting a systematic review of the literature assists in developing skills in preparing a review protocol, undertaking a literature search, appraising research, summarising and synthesising the findings from independent studies.

### **NURSING 7014HO**

#### **Advanced Health Assessment**

3 units - semester 2

External

Restriction: Available to MNSc students only

Assessment: 20 min videotaped health assessment of child/older person 40%, 40 min videotaped health assessment of person with chronic illness & 2000 word report of person's health 60%

This course builds upon the student's previous assessment skills offering more advanced health assessment content to provide a foundation for advanced practice nursing. For each part of the course the content will focus on three main assessment aspects: (i) older persons, (ii) children, (iii) adults. There will be an emphasis on focused assessment of: the chief complaint, risks to health, functional assessment and diverse populations and how they vary according to ethnicity, culture, gender and age.

An overview of health screening examination will occur together with some information on the ordering, performing and interpreting of laboratory and radiographic tests. Students will be expected to critically analyse these tests and other physical examination techniques for their validity and reliability in order to make a judgement about their usefulness.

Throughout the course effective communication, client teaching and counselling will be stressed as important tools necessary to discover the client's interpretation of health or illness. Documentation and the written description summarising the health assessment are important skills that will be addressed as part of the course.

### **NURSING 7015HO**

#### **Applied Pharmacology in Nursing**

3 units - semester 2

External

Restriction: Available to MNSc students only

Assessment: 2000 word applied drug monograph 35%, 1000 word equiv online multiple choice exam 15%, 3000 word essay 50%

This course will build upon an undergraduate understanding of drug use, prescribing and administration and some reading may be required. Course material will be introduced with a discussion of: the South Australian and Australian legal requirements for the prescription and administration of drugs; ethical issues involved in the cost, prescription and clinical drug trials; the process of collating a patient's medication history.

Drugs will then be discussed according to their classes of action; this will be predominantly based on the body systems that they act on and are usually prescribed for. The review of each class of drug will concentrate on particular examples in which the composition of the drug and its mode of action will be outlined. Students will also learn about how drugs are chosen for particular effects. The pharmacological principles of: pharmacokinetics, pharmacodynamics, adverse effects, contraindications and precautions will be described using examples from different drug classes. At the end of the course students will consider the

complexities of polypharmacy and the quality use of medicines. While this course will not prepare students for a role as a prescriber, they will be taught the concepts of safe prescribing and administration.

### **NURSING 7016HO**

#### **Research Dissertation B Stage 2**

12 units - semester 1 or semester 2

By supervision

Restriction: Available to MNSc students only

Assessment: 30,000 - 35,000 word dissertation

This component of the program requires the student to identify a research question or problem, to carry out a substantial research study based on this question, and to submit a fully developed report.

### **NURSING 7017HO**

Extended Clinical Practice I

3 units - semester 1 or semester 2

Restriction: Available to MNursePract students only

Assessment: Professional portfolio, case studies, class presentation

This course is designed to prepare the student for extended clinical practice in their chosen specialty. The course will begin by focusing on advanced assessment, investigations and differential diagnosis. Students will then work with their clinical mentors to become competent in the clinical skills they require to function in their scope of practice as nurse practitioners. Students will be required to develop a Nurse Practitioner portfolio. This will include case studies and exemplars demonstrating complex decision making and client care and records of education sessions, and professional activities. Students will also be required to perform three patient assessments to be evaluated by their clinical mentor. Finally students will present a case demonstrating how they integrated their learning with practice in the management of a client within their scope of practice as a nurse practitioner.

### **NURSING 7018HO**

#### **Extended Clinical Practice II**

3 units - semester 1 or semester 2

2 day workshop

Restriction: Available to MNursePract students only

Assessment: Professional portfolio, case studies, class presentation

Nurse practitioners practise as members of an interdisciplinary team and within a professional and legal framework. Thus this course will focus on issues such as legislation, risk management, guidelines and protocols, clinical pathways, consumer collaboration, professional standards, interdisciplinary team work, referral, clinical supervision, and leadership and Management.

### **NURSING 7100**

#### **Knowledge Translation**

3 units - semester 2

Up to 1 hour per week

Restriction: Available to MNSc students only

Assessment: proposal (1250 words), report (2500)

This course is designed to equip students with the knowledge and skills to access, critique and incorporate evidence into their practice with the aim of improving patient care. Students will; consider the context in which their practice occurs, use pragmatic methods of assessing where practice needs to improve and plan a practice change project through facilitating a multi-disciplinary team.

### **NURSING 7101**

#### **Professional Practice**

3 units - semester 2

External

Restriction: Available to MNSc students only

Assessment: Portfolio Part A (1000 words, Report on Coroner's Case (1750 words), Portfolio Part B (1000 words)

This course is designed to provide students with an opportunity to consider a number of issues faced by registered nurses in advanced practice settings. Concepts such as accountability, ethical decision-making, advocacy, leadership in nursing practice, culturally competent nursing, evidence based practice and the nurse practitioner role are considered as this course assists the student to explore the perimeters within which nurses' practice.

### **NURSING 7102**

#### **Research Literacy**

3 units - semester 2

2 x 2 hour workshops or virtual classroom sessions and online lectures

Restriction: Available to MNSc students only

Assessment: Portfolio Part A (1000 words), Critique of Research (2000 words), Portfolio Part B (750 words)

This course is designed to familiarise students with the methodologies used in health research. Students will learn about empirical methods such as experimental studies and also the fundamentals of interpretive and critical methodologies, such as phenomenology. The aim is for student to learn how to read and critically evaluate research relating to their practice.

### **NURSING 7103EX**

#### **Art and Science of Mental Health**

6 units - semester 2

External

Assessment: Portfolio and Portfolio Verbal Review

Mental health nursing uses the study of human behaviour as its science and the purposeful use of self as its art. Yet it is practiced as a craft. Firstly, this course introduces you to the science of mental health nursing. We examine in detail the history of mental health, classification, assessment and diagnoses, psychopharmacology and major mental health diagnosis. Secondly, this course introduces you to the art of mental health nursing. We examine in detail the recovery approach, care across the lifespan, mental health settings as therapy, Indigenous care, cross cultural care, case management and population approaches. We also examine the development of psychotherapy from Freud to Rogers to Perls and Frankl and the development of behavioural therapy, cognitive behavioural therapy and the constructivist therapies of narrative and solution focussed therapy. A strong theme throughout is the recovery approach and consumer involvement.

### **NURSING 7104EX**

#### **Introduction to Mental Health**

3 units - semester 2

External

Assessment: Portfolio and Portfolio Verbal Review

Mental health nursing uses the study of human behaviour as its science and the purposeful use of self as its art. Yet it is practiced as a craft. This is an introduction to the practical body of knowledge that constitutes the art and science of mental health nursing. The course covers the recovery approach, risk management,

neurobiology, psychopharmacology, therapeutic interventions, assessment and diagnosis, major mental health disorders, indigenous care, cross cultural care and care from childhood and adolescence to older adulthood. While the course addresses the theoretical aspects of mental health nursing, it has a constant focus on the practical. What is the nature of the relationship between nurse and client; how do you make an assessment; what are effective interventions in the kind of everyday situations that mental health nurses find themselves

### **NURSING 7105**

#### **Acute Care Nursing I**

6 units - semester 1

Flexible delivery mode with Virtual Classroom Lectures

Restriction: Available to M.NursSc students only

Assumed Knowledge: Basic anatomy and physiology

Assessment: Portfolio (3000 words-formative and summative), Presentation (2500 word equivalent - formative and summative), Exam (presighted - 2000 word equivalent), Online participation is essential

This course will examine nursing and medical science in relation to acute care nursing in the adult sector and will examine advanced principles of acute care nursing focusing on a systems approach. Pathophysiology and disease progression will be incorporated into a clinically focused agenda. Theoretical concepts and clinical practice will be interwoven. This course will be supported by synchronized online collaborative learning.

### **NURSING 7106**

#### **Acute Care Nursing II**

6 units - semester 2

Flexible delivery mode with Virtual Classroom Lectures

Restriction: Available to M.NursSc students only

Assumed Knowledge: Basic anatomy and physiology

Assessment: Case Study Outline & Search Strategy (500 words-formative), Case study (3000 word summative), Poster (2000 words), Exam (presighted - 2000 word), Online participation is essential pass/fail (80% attendance required)

This course will further examine nursing and medical science in relation to acute care nursing in the adult sector. Common pathologies and current treatment modalities will be explored. This course will build and develop knowledge of advanced physiology, pathophysiology, therapeutics and nursing science within the context of acute care nursing. This course will be supported by synchronized online collaborative learning.

### **NURSING 7107**

#### **Acute Coronary Care**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7108

Assessment: Case presentation outline (500 words), Case presentation (15 minutes), Structured Clinical Assessment (30 minutes), Written examination 1.5 hours, Skills Workbook

This course is intended primarily for nurses currently working in the medical cardiology. The course consists of two sections. The first section focuses on the haemodynamically unstable patient. In this course students will develop a comprehensive understanding of the pathophysiology, assessment, and management of shock. Related topics include haemodynamic monitoring, the use of inotropic therapies, mechanical cardiac support, and treating renal failure.

The second section covers a variety of topics including haemostasis, thrombosis, and bleeding, analgesia and sedation; pericardial disease and cardiomyopathy; hypotension and syncope; and sudden cardiac death. Finally, the relationship between cardiac disease and other disorders such as anaemia will also be explored.

### **NURSING 7108**

#### **Foundations of Cardiac Care**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M.NursSc students only

Assumed Knowledge: Basic anatomy & physiology of the cardiac, respiratory, & the autonomic nervous system

Assessment: Presentation outline & search strategy (500 words), Presentation (15 minutes), Written examination (1.5 hours), Skills Workbook

This course provides foundation knowledge and skills which are fundamental for the development of advanced cardiac nursing practice. The course consists of two sections. The first section describes the physiology, pathophysiology, assessment, and management of respiratory failure. At the completion of this course students are expected to be competent to care for patients requiring non-invasive ventilation. The second section focuses on cardiac anatomy and physiology, electrophysiology, and the mechanisms, diagnosis, and management of cardiac arrhythmias, and pacing.

### **NURSING 7109**

#### **Foundations of Cardiac Intensive Care**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M.NursSc students only

Assumed Knowledge: Basic anatomy & physiology of the cardiac, respiratory, & the autonomic nervous system

Assessment: Presentation outline & search strategy (500 words), Presentation (15 minutes), Written examination (1.5 hours), Skills Workbook

This course provides foundation knowledge and skills which are fundamental for the development of advanced practice within the cardiothoracic intensive care unit. The course consists of two sections. The first section describes the physiology, pathophysiology, assessment, and management of respiratory failure. At the completion of this course students are expected to be competent to care for patients requiring non-invasive and invasive ventilation. The second section focuses on cardiac anatomy and physiology, electrophysiology, and the mechanisms, diagnosis, and management of cardiac arrhythmias, including the management of patients with permanent or temporary pacing.

### **NURSING 7110**

#### **Fundamentals of Burns Nursing**

6 units - semester 1

Up to 2 hours per week

Restriction: Available to M.NursSc students only

Assessment: Poster (2250 word equivalent), Portfolio (2625 words), Essay (2625 words) Clinical Diary, Online Participation pass/fail (must attend 80% of online component)

This course will examine nursing and medical science in relation to burn management and the principles of burn nursing in the adult and paediatric setting. It will have both theoretical and clinical components supported by online tutorials. Topics will include pathophysiology, emergency management, wound management

and surgical interventions. Students will also be expected to complete a range of clinical competencies throughout the course.

### **NURSING 7111**

#### **Advanced Burns Nursing**

6 units - semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7110

Assessment: Presentation and Synopsis (2250 word equivalent), Portfolio (2250 words), Essay (2625 words), Online Participation pass/fail (must attend 80% of online component)

This course will further develop nursing and medical science in relation to burn management and examine advanced principles of burn nursing in the adult and paediatric setting. It will have both theoretical and clinical components supported by online tutorials. It will examine the holistic needs of the burn injured patient, with a major focus on the role of the multidisciplinary team in burn care. Topics will include physical therapy, infection control, nutrition, psycho-social issues, management of scars, reconstructive surgery and burns staff support. Students will continue to complete a range of clinical competencies throughout the course.

### **NURSING 7112**

#### **Coordinated Systems of Burn Care**

3 units - semester 1

Flexible delivery mode

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7110, NURSING 7111

Assessment: eSim Online Discussion Board & Discussion Board Analysis (1875 word equivalent), Portfolio (1875 words), Online Participation pass/fail (must attend 80% of online component)

In this course students will examine & discuss key concepts of burn nursing practice which are essential for safe and effective patient outcomes. An understanding of topics such as disaster management, data collection, discharge planning, burns education and prevention, ethical issues in burn care, burns nursing research and professional issues in burns nursing influence the care provided by professional nurses practicing within the burn care field.

### **NURSING 7113**

#### **Recognition & Response to Clinical Deterioration**

3 units - semester 1

Flexible delivery mode with Virtual Classroom Lectures

Restriction: Available to M.NursSc students only

Assumed Knowledge: Basic anatomy and physiology of the human body

Assessment: Clinical Assessment Sheets (2500 words), Critique of Practice (1250 words), Online participation is essential pass/fail (80% attendance required)

This course will equip the Acute Care Nurse with physical assessment skills that enable early recognition of the adult patient suffering unexpected clinical deterioration, leading to timely and appropriate management. It will provide both theoretical and clinical components that enable application to practice. Synchronized online collaborative learning will support learning and teaching goals. Topics will include, but are not limited to, pathophysiology and emergency management using a systematic approach to body systems, supported by Australian Resuscitation Guidelines where appropriate.

### **NURSING 7114**

#### **Introduction to Anaesthetic & Recovery Nursing**

6 units - semester 1

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Portfolio (2500 words), Presentation Brief (500 words), Presentation (2000 words equivalence), Online Quizzes (2500 words equivalence), Online participation, Clinical skills handbook

This course provides the clinician with the clinically-focused skills and knowledge to function at a baseline anaesthetic and postanesthesia recovery nurse level within the perioperative environment. The course follows a patient's experience through their perioperative pathway and analyses the common phases along this journey. Topics presented cover the knowledge & skills required during preoperative, intraoperative and postanesthesia recovery phases of care. There is a strong focus on the skills acquirement within the student's clinical environment. Following this course the clinician will be able to function at a base level within the areas of anaesthetic and recovery nursing.

### **NURSING 7115**

#### **Specialised Anaes & Rec Nsg Practice**

6 units - semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7114

Assessment: Portfolio (2500 words), Case Study Brief (500 words), Case Study (2500 words), Poster (2000 words equivalence), Online participation, Clinical Skills Book

This course provides the clinician with the specialty-focused skills and knowledge to function as an advanced anaesthetic and postanesthesia recovery nurse within the perioperative environment. The course builds upon the knowledge and skills acquired along the patient's perioperative pathway and how these are applied to the numerous subspecialties of surgery and the implications on anaesthesia and postanesthesia recovery nursing practice. The course examines and investigates the advanced knowledge and skills required to competently manage these patients. Advanced assessment and clinical intervention skills are demonstrated and are reinforced within the student's clinical environment. The completion of this course will enable the clinician to function at an advanced clinical level within all areas of anaesthetic and recovery nursing.

### **NURSING 7116**

#### **Concepts Anaes & Recovery Nursing Practice**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Essay (2000 words), Discussion Boards Part A & B (1750 words)

Within this course, students examine & debate key concepts of anaesthesia and postanesthetic recovery nursing practice, which are essential for safe and effective patient outcomes. Whilst these topics are not the 'essential' knowledge & skills of clinical practice, an understanding topics such as quality management and mental health do influence the care provided by professional nurses practicing within the perioperative environment.

## **NURSING 7117**

### **Primary & Secondary Prevention**

3 units - semester 1 or semester 2

Up to 4 hours per week

Restriction: Available to M.NursSc students only

Available for Non-Award Study

Assessment: Portfolio Part A (1500 words), Portfolio Part B (1500 words), Written examination (1.5 hours), Skills Workbook

This course will explore the pathogenesis of atherosclerosis including the major cardiac risk factors, novel and emerging risk factors for cardiac disease, and the investigation and management of these disorders. In addition, the ethnic and racial differences in the coronary artery disease will be examined with a focus on indigenous Australians. The role of the nurse in screening and assessing risk in asymptomatic individual, exercise testing, and non-invasive imaging will also be discussed. This course also addresses the management of patient requiring cardiac rehabilitation, including the benefits, phases and components of a cardiac rehabilitation program. At the end of the course student will be able to perform phase one, before hospital discharge, cardiac rehabilitation.

## **NURSING 7118**

### **Critical Care Essentials**

3 units - semester 1

Up to 2 hours per week

Restriction: Available to M.NursSc students only

Assumed Knowledge: Anatomy and Physiology

Assessment: Skills Book/ Checklist, Structured Clinical Assessment, Case sheets

This course will prepare clinicians practicing in critical care environments to assess, identify and manage those patients experiencing (or with the potential to experience) a critical physiological decline. This will include the identification of the deteriorating patient, incorporating advanced assessment skills and advanced life support skills. These specialised critical care skills will enable to the clinician to participate in the holistic approach to the delivery of critical care within the framework of a multidisciplinary team.

## **NURSING 7119**

### **Cardiothoracic Critical Care**

3 units - semester 2

Up to 4 hours per week

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7109

Assessment: Case presentation outline (500 words), Case presentation (15 minutes), Structured Clinical Assessment (30 minutes), Written examination 1.5 hours), Skills Workbook

This course is intended for cardiothoracic surgical nurses involved in the care of cardiac and thoracic surgery patients. Its main focus is on the on intraoperative and postoperative care issues as the pathophysiology and management of specific cardiac disease is covered elsewhere in the program. The course will consist of lectures complimented by 'hands on' practical workshops. Topics such as haemodynamic monitoring, vasoactive drugs, mechanical cardiac support, haemodynamic instability, arrhythmias, and bleeding are covered in depth. This course also discusses general intensive care issues such as treating renal failure and nutritional support. The specific management of the thoracic surgery will also be covered.

## **NURSING 7120**

### **Interventional Cardiology**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7108

Assessment: Case presentation outline (500 words), Case presentation (15 minutes), Structured Clinical Assessment (30 minutes), Written examination 1.5 hours), Skills Workbook

This course is intended for nurses currently working in the cardiac catheterisation laboratory. It is designed to assist students acquire the theoretical knowledge and practical skills required to manage the care of the patient in the cardiac catheterisation laboratory. The course will consist of lectures complimented by 'hands on' practical workshops. Topics include X-ray theory, radiation exposure and safety, vascular access, haemostasis and vascular closure, diagnostic cardiac catheterisation, percutaneous coronary intervention, non-coronary procedures, pharmacotherapy, and aseptic surgical technique. The course will also cover shock, inotropes, and inta-aortic balloon pump.

## **NURSING 7121**

### **Heart Failure Management**

3 units - semester 1 or semester 2

Up to 4 hours per week

Restriction: Available to M.NursSc students only

Available for Non-Award Study

Assessment: Portfolio Part A (1000 words), Portfolio Part B (1000 words), Case study (2000 words)

This course will assist health professionals to develop a comprehensive understanding of the current practice and principles underlying care and management of patients with chronic heart failure in the hospital outpatient and community care setting. This will include techniques in advanced assessment, review of diagnostic investigations, current management principles for chronic heart failure, including the use of pharmacological agents, devices and non-pharmacological strategies; principles of managing common co-morbidities and risk factors, and methods of evaluating the effectiveness of heart failure management from the individual to the program.

## **NURSING 7122**

### **Primary Health Care**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Incremental Portfolio (1250 words), Incremental Portfolio (2500 words)

This course will give students grounding in the basic concepts of primary health care. It will focus on issues in Community Nursing, Primary Health and New Public Health. The specific objectives are for students to understand primary health care philosophies underpinning practice, understand the socio-political environments in which care is delivered and further develop 'transferable' management and communication skills.

## **NURSING 7123**

### **Population Profiling in Chronic Illness**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Essay (3000 words), Resource Portfolio (4500 words)

This course will require students to apply the skills and knowledge gained from the previous courses in order to fulfil the following objectives; to be able to profile populations and establish need; to have the ability to create supportive environments and strengthen 'community' action in order for individuals, families and communities to respond and help determine their own health status.

#### **NURSING 7124**

##### **Management of Chronic Illness**

6 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Incremental Portfolio (3500 words), incremental portfolio (4000 words)

The specific objectives are for students to develop an aspect of care based on current research evidence, acquire literature searching and critical evaluation skills using systematic procedures, and further develop 'transferable' management and communication skills. Students will cover the following topics: principles of management within the context of community/palliative care, diabetes, continence and medication management in relation to community care.

#### **NURSING 7125**

##### **Cardiovascular Disease**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7108 or NURSING 7109

Assessment: Case study outline and search strategy (500 words), Case study (2000 words), Written examination (1.5 hours), Skills Workbook

This course will explore several common cardiovascular diseases likely to be encountered in a cardiac unit. Within this course students will develop a comprehensive understanding of the pathophysiology, assessment, and management of common cardiovascular disorders. Topics include coronary artery disease, acute coronary syndromes, cardiac catheterisation, percutaneous coronary interventions, cardiac surgery, heart failure, valvular heart disease, and diseases of the thoracic aorta.

#### **NURSING 7126**

##### **Critical Care Essentials**

3 units - semester 1

Up to 8 hours per week

Restriction: Available to M.NursSc students only

Assumed Knowledge: Anatomy and Physiology

Assessment: Skills Book/Checklist, Structured Clinical Assessment, Case sheets

This course will prepare clinicians practicing in critical care environments to assess, identify and manage those patients experiencing (or with the potential to experience) a critical physiological decline. This will include the identification of the deteriorating patient, incorporating advanced assessment skills and advanced life support skills. These specialised critical care skills will enable the clinician to participate in the holistic approach to the delivery of critical care within the framework of a multidisciplinary team.

#### **NURSING 7127**

##### **Emergency Nursing Care I**

3 units - semester 1

Up to 4 hours per week

Restriction: Available to M.NursSc students only

Assessment: Essay, Oral presentation, Examination

This course introduces the emergency nurse to the provision of care in the emergency setting. The concepts of assessment of the emergency department patient and the initial prioritising of care will be explored. The nursing and medical science related to cardiac and pulmonary emergencies will be discussed in detail. The theoretical concepts and knowledge gained will enable the emergency nurse to engage in discussions regarding the principles of emergency nursing - specifically for those patients presenting with a cardiac or respiratory emergency. The content will be primarily oriented toward the adult patient. Reference to physiological changes throughout the age span including neonates, infants, paediatrics and geriatrics will be made when appropriate. It will have both theoretical and clinical components supported by classroom teaching. Students will also be expected to complete a range of clinical competencies throughout the course.

#### **NURSING 7128**

##### **Emergency Nursing Care II**

3 units - semester 2

Up to 2 hours per week

Restriction: Available to M.NursSc students only

Assessment: Poster, Examination, Course Skills Book/ Checklist

This course contains the theory that supports emergency nursing care. This course is designed to provide the emergency nursing student with a sound understanding of the principles of trauma management, with specific attention paid to significant body systems affected by physical trauma. The semester also branches out into common non-traumatic emergency presentations. Reference will be made to variations across the age continuum as required. This course will build on the knowledge gained from first semester, with the overall aim to provide the student with recent and comprehensive clinical and theoretical information on emergency medical and nursing care.

#### **NURSING 7129**

##### **Emergency Nursing III**

3 units - semester 2

Up to 2 hours per week

Restriction: Available to M.NursSc students only

Assumed Knowledge: Human anatomy and physiology, Homeostatic systems within the human body

Assessment: Case study, examination, program (and course specific) skills book/ checklist.

This course will provide a blend of theory and practice within the emergency department. Specific emergency presentations will be discussed, as well as the broader concepts of care coordination throughout the emergency department, self and staff support. The current clinical issues that face emergency nurses will be explored, encouraging the student to develop strategies for dealing with issues in a dynamic and busy environment. The second part of the semester will broadly focus on developing the students confidence in leading teams, identifying and addressing psychosocial issues experienced by patients, relatives/ significant others and staff, and addressing issues that are unique to the emergency context.

## **NURSING 7130**

### **Contemporary Issues in Aged Care**

6 units - semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Portfolio of Learning Activities 2,500 equivalent, Essay 2,000 word, Discussion Board participation 2,000 word equivalent

This course will provide graduates with an understanding of the role of government in aged care in Australia. The aim of the course is to support basic critical thinking and analysis of the Australian government's policy direction and system of funding and regulation of aged care services. It also aims to impart to students understanding and skill in use of the Aged Care Funding Instrument (ACFI), as well as participating in accreditation compliance technologies of self assessment and continuous improvement.

## **NURSING 7131**

### **Gerontological Nursing**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Portfolio of learning activities A (1000 words), Portfolio of learning activities B (1500 words), Case study (1250 words)

This course prepares graduates to lead an aged care workforce in providing clinical care for elderly people with special care needs. The course covers major areas of complex care need, such as dementia, medication management, nutrition, continence management and falls prevention. The course locates clinical practice within a framework of care planning, implementation and evaluation.

## **NURSING 7132**

### **Assessment of the Elderly**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Functional Assessment 2500 words, Case Study 1250 words

This course will provide graduates with an understanding of the importance of a holistic or comprehensive assessment as the bedrock of aged care planning and management. The aim of the course is to support the development of critical thinking and competency in undertaking this first step of assessing an elderly person, within the overall service of care.

## **NURSING 7133**

### **Palliative Nursing in Aged Care**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Portfolio of Learning Activities 1000 words A (25%), Portfolio of Learning Activities 1500 words B (40%), Essay 1250 (35%)

This course focuses on the palliative care requirements of the elderly. Topics include principles of palliative care, non specialist practice in the area of palliative care, ageing, dying and grieving, the ethics of dying, patient's and relative's needs, pain management, symptom control, alternative therapies, spiritual/religious and cultural issues.

## **NURSING 7134**

### **Advanced Infection Control Practice**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Essay (1250words), Business proposal (2500 words)

This course will examine issues related to advanced infection control practice within the clinical setting. Students will cover various practice-related issues within their specific health care setting with particular reference to managing change of infection control practice.

## **NURSING 7135**

### **Intensive Care I**

6 units - semester 1

Up to 4 hours per week

Assumed Knowledge: Basic anatomy and physiology

Assessment: Background paper, presentation, written examination, clinical skills

This course will provide foundation knowledge and skills which are fundamental for the development of advanced intensive care nursing practice. Course content will focus on the delivery of patient-centred care which considers the psychological, psychosocial and physiological impact of the critical care environment. Consideration will also be made to the needs of specialised populations in the critical care environment.

Content will be presented with a systems approach focussing on respiratory and cardiovascular patient management considering the advanced physiology, pathophysiology, assessment, diagnostics and therapeutics of care. Integration of evidence based practice will be integral to course delivery. Material will be delivered utilising a variety of methods including lectures, tutorials, practical sessions, case studies and discussions to promote critical thought and ensure theory and practice are integrated.

## **NURSING 7136**

### **Intensive Care II**

6 units - semester 1 or semester 2

Up to 4 hours per week

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7135

Co-Requisite(s): NURSING7118

Assumed Knowledge: Systems Anatomy and Physiology

Assessment: Case study, Presighted written examination, Structured Clinical Assessment, Clinical Skills and reflective practice diaries

This course will develop the skills and knowledge obtained in Intensive Care I. This course considers the pathophysiology of complex patient conditions requiring intensive care, as well as assessment, monitoring and advanced therapeutics. The content builds on the foundation knowledge from Intensive Care I by continuing a systems approach to the development of advanced intensive care nursing knowledge and practice. Content will focus on care of the patient with neurological, renal, gastrointestinal, endocrine, haematological and multisystem disorders. Promotion of evidence based practice will be integral to course delivery and clinical case review. Material will be delivered utilising a variety of methods including lectures, tutorials, practical sessions, skills acquisition, case studies and discussions to promote critical thought and ensure theory and practice are integrated. The focus will be on the collaborative multidisciplinary management of the complex

intensive care patient and the critical care nurses role within this team.

Leadership skills will be developed through a workshop to prepare students to take on advance practice roles in the intensive care unit.

### **NURSING 7137EX**

#### **Counselling and Comorbidity**

3 units - semester 1 or semester 2

External

Restriction: Available to M.NursSc students only

Assessment: Portfolio and Portfolio Verbal Review

The course focuses on the development of one's own therapeutic system. It is an integrative counselling approach and draws on models and theories from the humanistic, cognitive and behavioural therapies. We also continue examining the nature of comorbidity and look at bipolar disorder, personality disorders and post-traumatic stress disorder in the context of alcohol and drug use. We will also examine the complex interaction between mental health, addiction and physical comorbidities. A strong theme throughout is the recovery approach and consumer involvement.

### **NURSING 7138**

#### **Haematology/Oncology Nursing I**

6 units - semester 1

3 day intensive, weekly 1 x hour tutorials via the virtual classroom

Restriction: Available to M.NursSc students only

Assessment: Essay, Portfolio (2500 words), presentation (2000 word equiv)

This course of study aims to increase a student's theoretical knowledge of the disease process and treatment of cancer. It will examine the concepts of epidemiology, aetiology and pathology of cancer along with contemporary and emerging treatment modalities. Topics will include haemopoiesis, immunology, genetics, palliative care, psychosocial issues, survivorship and complementary therapies.

### **NURSING 7139**

#### **Haematology/Oncology Nursing II**

6 units - semester 2

3 day intensive, weekly 1 x hour tutorials via the virtual classroom

Restriction: Available to M.NursSc students only

Assessment: Poster (2000 words equivalence), Portfolio (2500 words), Presentation (2000 words equivalence), Online Participation pass/fail (must attend 80% of online component)

This course of study aims to develop further nursing and medical science in relation to the build on topics covered in semester I. It will enable the student to apply the concepts of epidemiology, pathophysiology and disease process to specific malignancies and how they are managed. Sub speciality paediatric haematology/oncology care is also addressed; other specific areas will include nutrition, oncology emergencies, and legal and ethical considerations for oncology nurses.

### **NURSING 7140**

#### **Haematology/Oncology Nursing Practice**

3 units - semester 1 or semester 2

Up to 1 hour per week

Restriction: Available to M.NursSc students only

Assessment: Case Study outline (500 words), Case study (2500 word), Discussion board (750 words), Clinical Practice Portfolio (Pass/Fail)

This clinically based course provides the clinician with the opportunity to further develop clinically-focused skills and to extend their knowledge in the area of specialised haematology/oncology nursing practice. The course follows patients' experience through their cancer journey and analyses the common phases along the way. There is a strong focus on the skills acquirement within the student's clinical environment. During and following this course the student will develop a level of clinical competence considered to be in line with the competencies outlined in the National professional development framework for cancer nursing (EdCan) (speciality cancer nursing practice).

### **NURSING 7141**

#### **Orthopaedic Trauma Nursing**

3 units - semester 1

Up to 2 hours per week

Restriction: Available to M.NursSc students only

Assessment: Power point presentation 1000 word, Portfolio Part A&B 2500 words, Online Participation

This course of study aims to increase a student's level of theoretical knowledge about fundamental musculo-skeletal anatomy and physiology. It will identify how this knowledge influences the identification, treatment, management and observation of traumatic injuries and associated complications. Focus will be on how individualised nursing care can assist the patients' recovery following a traumatic injury.

### **NURSING 7142**

#### **Advanced Orthopaedic Nursing Practice I**

3 units - semester 1

Up to 2 hours per week

Restriction: Available to M.NursSc students only

Assessment: Clinical Diary, Clinical Diary care description 1000 words, Evidence based Essay 2500 words

This course aims to develop those skills required for advanced clinical practice in Orthopaedic nursing. Specifically allowing an effective assessment of gait and range of movement. It will develop the skills required to safely position and mobilise the orthopaedic patient. The course will also provide theoretical knowledge and skills to complete an orthopaedic specific physical & functional assessment. This is presented in a theoretical format and via a two day workshop on campus.

### **NURSING 7143**

#### **Therapeutic Management of the Orthopaedic Patient**

6 units - semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Case study, Portfolio A&, Presentation, Online Participation

This course will examine factors that are not unique to orthopaedic nursing but influence the day to day and long term management of the orthopaedic patient. Providing a greater understanding of the impact of these factors allows the advanced clinician to provide effective, individualised care for each patient. There is a strong focus on chronic/metabolic disease specific to orthopaedics including a theoretical component of disease processes and the impact on practical nursing care. There is a focus on the care needs of the orthopaedic paediatric patient.

## **NURSING 7144**

### **Advanced Orthopaedic Nursing Practice II**

3 units - semester 2

2 X 7 Hour workshops

Restriction: Available to M.NursSc students only

Assessment: Evidence based literature review, Poster

This course aims to further develop those skills required for advanced clinical practice in Orthopaedic nursing. Specifically the skills & theoretical knowledge required to apply/ manage effective traction, splinting and/or immobilise a limb post injury. This is presented in a theoretical format and via a two day workshop on campus. This course will also focus on spinal disorders and the knowledge requirements regarding the rehabilitation needs of the spinal & the general orthopaedic patient.

## **NURSING 7145**

### **Introduction to Perioperative Nursing**

6 units - semester 1

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Portfolio (2500 words), Presentation Brief (500 words), Presentation (2000 words equivalence), Online Quizzes (2500 words equivalence), Online participation, clinical skills Book

This course provides the clinician with the clinically-focused skills and knowledge to function at a baseline perioperative nurse level within the perioperative environment. The course follows a patient's experience through their perioperative pathway and analyses the common phases along this journey. Topics presented cover the knowledge & skills required during preoperative, intraoperative and post anaesthesia recovery phases of care. There is a strong focus on the skills acquirement within the student's clinical environment. Following this course the clinician will be able to function at a base level within the areas of perioperative nursing.

## **NURSING 7146**

### **Specialised Perioperative Nursing Practice**

6 units - semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Pre-Requisite(s): NURSING 7145

Assessment: Portfolio (2500 words), Case Study Brief (500 words), Case Study (2500 words), Poster (2000 words equivalence), online participation, clinical skills Book

This course provides the clinician with the specialty-focused skills and knowledge to function as an advanced perioperative nurse level within the perioperative environment. The course builds upon the knowledge and skills acquired along the patient's perioperative pathway and how these are applied to the numerous subspecialties of surgery and the implications on perioperative nursing practice, specifically the instrument & circulating nurse roles. The course examines and investigates the advanced knowledge and skills required to competently manage these patients. There is a strong focus on the skills acquirement within the student's clinical environment. The completion of this course will enable the clinician able to function at an advanced clinical level within all areas of perioperative nursing.

## **NURSING 7147**

### **Concepts Anaes & Recovery Nursing Practice**

3 units - semester 1 or semester 2

Flexible delivery mode

Restriction: Available to M.NursSc students only

Assessment: Essay (2000 words), Discussion Boards Part A & B (1750 words)

Within this course, students will examine & debate key concepts of perioperative nursing practice that are essential for safe and effective patient outcomes. Whilst these topics are not the 'essential' knowledge & skills of clinical practice, and understanding of topics such as quality management and mental health do influence the care provided by professional nurses practicing within the perioperative environment.

## **NURSING 7200HO**

### **Nursing Science**

3 units - semester 1

Up to 4 hours per week

Restriction: Available to M.Clin Nurs students only

Assessment: Interview, report and exam

This course will introduce cultural, health beliefs and practices, epidemiological, immunological, pharmacological, and psychological and social science concepts that are relevant to nursing care.

## **NURSING 7201**

### **Fundamental of Nursing Practice I**

3 units - semester 1

Up to 7 hours per week

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course will introduce fundamentals of nursing care for selected health problems including the activities of daily living and variations of such activities across the lifespan.

## **NURSING 7202**

### **Fundamentals of Nursing Practice II**

3 units - semester 2

Up to 7 hours per week

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course extends the fundamentals of nursing practice that underpins selected acute and chronic health problems and integrate evidence based principles

## **NURSING 7203**

### **Introducing Professional Nursing**

3 units - semester 1

Up to 4 hours per week

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course will introduce nursing as a profession and the Acts, standards and competencies that govern the scope of practice. Evidence based practice, and quality and safety of health care will also be addressed. The importance of beginning reflective processes on learning and development will be established.

## **NURSING 7204HO**

### **Clinical Nursing Practice I**

3 units - semester 1

Intensive

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course provides opportunity for students to experience the reality of practice and begin to apply theoretical and scientific concepts.

### **NURSING 7205HO**

#### **Clinical Nursing Practice II**

3 units - semester 2

Intensive

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course provides opportunity for students to experience the reality of practice and begin to apply theoretical and scientific concepts.

### **NURSING 7206HO**

#### **Clinical Nursing Practice III**

3 units - semester 1

Intensive

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course will provide opportunity to extend nursing practice in caring for patients in high acuity settings.

### **NURSING 7207HO**

#### **Clinical Nursing Practice IV**

3 units - semester 2

Intensive

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course will provide opportunity to consolidate nursing practice in caring for patients in all health care settings.

### **NURSING 7208**

#### **ATIS Peoples Health & Culture**

3 units - semester 2

External

Restriction: Available to M.Clin Nurs students only

Assessment: Literature Search, Essay

This course will provide a historical and cultural background that will inform an understanding of the health issues facing this population and the contribution that nurses can provide in primary and acute health care.

### **NURSING 7209**

#### **Contexts of Nursing Practice**

3 units - semester 2

Up to 4 hours per week

Restriction: Available to M.Clin Nurs students only

Assessment: Assessment, report, critique

This course addresses contemporary contexts of health care including community, mental health and rural and remote within a multi-disciplinary health care system.

### **NURSING 7210**

#### **Applied Nursing Practice I**

6 units - semester 1

Up to 13 hours per week

Restriction: Available to M.Clin Nurs students only

Assessment: Assessment, report, critique

This course will further develop and refine nursing practice applying scientific concepts in complexity of health care.

### **NURSING 7211**

#### **Applied Nursing Practice II**

3 units - semester 2

Up to 13 hours per week

Restriction: Available to M.Clin Nurs students only

Assessment: Assessment, report, critique

This course provides an opportunity to further extend and refine all aspects of nursing practice for clients in complex health care across the lifespan.

### **NURSING 7212**

#### **Leadership and Management**

3 units - semester 2

External

Restriction: Available to M.Clin Nurs students only

Assessment: Teaching plan, presentation and reflective paper

This course addresses the concepts of leadership and management including patient and peer teaching, clinical governance and change.

### **NURSING 8012HO**

#### **Research V**

6 units - semester 1 or semester 2

Restriction: Available to DNurs students only

Assessment: research based activities

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

### **NURSING 8013HO**

#### **Research VI**

6 units - semester 1 or semester 2

Restriction: Available to DNurs students only

Assessment: research based activities

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

## Occupational Health & Safety

### OH&S 7014HO

#### Occupational and Environmental Health Studies

3 units - semester 1 or semester 2

Internal & external mode

Restriction: Available to Grad Dip & M OH&S students only

Assessment: to be advised

This subject is an agreed program of study, negotiated between the student, an academic staff member and the OH&S program coordinator. A variety of courses may be considered from the fields of occupational, environmental or public health, offered at either the University of Adelaide or University of South Australia.

### OH&S 7031TB

#### Occupational Hygiene and Ergonomics

3 units - semester 2

Internal & external mode

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: minor assignments 15%, exam 35%, major assignment 50% - no exam for external students; additional assignments & participation 10%

This course is an introduction to practical occupational hygiene and ergonomics. There is broad coverage of chemical and physical hazards and of technologies for evaluation and control. Topics include their noise, vibration, thermal stress, shift work, biohazards and toxic chemicals. There will be discussion of exposure standards and the interpretation of hygiene data. There will also be an overview of ergonomics, including consideration of workstation and process design; displays and information systems; biomechanics; anthropometry; and psychological aspects.

### OH&S 7078A

#### Occupational Health & Safety Practicum A (PT)

3 units - semester 1 or semester 2

Internal or external, two semester's part time

Check with School for Non-Award Study

A quota of 10 applies

Pre-Requisite(s): Grad.Cert.OHS Management or equivalent

Assumed Knowledge: Completion of requirements for Grad Cert OHS Mgt

Assessment: written project report, oral presentation, logbook entries, supervisor's report

Students are required to undertake a project whilst placed or employed in an approved OHS agency or company. Day to day supervision will be provided by the agency or company, and the project must address an issue of OHS significance. A logbook of activity must be kept, and the assessment is on the basis of a written project report, oral presentation, logbook entries and the supervisor's report.

### OH&S 7078B

#### Occupational Health & Safety Practicum B (PT)

6 units - full year

Internal or external, two semester's part time

Check with School for Non-Award Study

Pre-Requisite(s): Grad.Cert.OHS Management or equivalent

Assumed Knowledge: Completion of requirements for Grad Cert OHS Mgt

Assessment: written project report, oral presentation, logbook entries, supervisor's report

Students are required to undertake a project whilst placed or employed in an approved OHS agency or company. Day to day supervision will be provided by the agency or company, and the project must address an issue of OHS significance. A logbook of activity must be kept, and the assessment is on the basis of a written project report, oral presentation, logbook entries and the supervisor's report.

### OH&S 7080

#### Occupational Health & Safety Practicum (Full time)

6 units - semester 1 or semester 2

Internal or external, full semester, full time

Pre-Requisite(s): Grad.Cert.OHS Management or equivalent

Assumed Knowledge: Completion of requirements for Grad Cert OHS Mgt

Assessment: written project report, oral presentation, logbook entries, supervisor's report

Students are required to undertake a project, whilst placed or employed in an approved OHS agency or company. Day to day supervision will be provided by the agency or company, the project must address an issue of OHS significance. A logbook of activity must be kept, and the assessment is on the basis of a written project report, oral presentation, logbook entries and the supervisor's report.

### OH&S 7105TB

#### Diseases of Occupation

3 units - semester 1

Internal & external mode

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Available for Non-Award Study

Assessment: Assignments

This course offers a broad introduction to occupational health and safety. It will address the relationships between work, work processes and work exposures, and the occurrence of disease and injury. The nature, extent and distribution of work-related death, disease and injury will be considered, with special emphasis on the Australian environment. An important aim is to encourage a critical attitude towards health and safety issues, so that students will learn to evaluate problems and formulate appropriate preventive measures on the basis of scientific principles. The elective includes an industrial visit.

### OH&S 7131HO

#### Occupational Safety and Statistics

3 units - semester 2

Internal & external mode

Restriction: Available to Grad Cert, Grad Dip, M OH&S students only

Assessment: to be advised at start of semester

This course develops participants' knowledge and skills in relation to three important components of OHS management. These are the investigation and analysis of factors contributing to incidents and accidents; the application of a risk management process to the recognition and control of plant safety risks; and the use and interpretation of data relating to occupational injury, disease and hazardous exposures.

### **OH&S 7132HO**

#### **OHS Law and Risk Management**

3 units - semester 1

Internal & external mode

Restriction: Available to Grad Cert, Grad Dip, M OH&S students only

Assessment: to be advised at start of semester

Historical perspective on socio-legal issues in occupational health and safety; the British factory legislation; Robens Report and other key influences. The Constitutional, common law, statute law and administrative framework for OH&S. Introduction to injury causation; hazard identification, risk assessment and control. Principles and systems for OH&S Management.

### **OH&S 7133HO**

#### **Advanced Ergonomics**

3 units - semester 2

Up to 3 hours per week

Pre-Requisite(s): OH&S 7031

Assumed Knowledge: OH&S 7031

Assessment: Minor assignments, Major assignment & participation

This course will consolidate and extend your knowledge in the scientific application of ergonomics methods and principles which were introduced briefly during Occupational Hygiene & Ergonomics (7031 HO).

Ergonomics - the scientific study of human work - comprises three principal areas of application:

1. Physical
2. Cognitive
3. Organisational

While these areas overlap many ergonomists to confine their practice to one particular area. While such specialisation is frequently useful (and sought after) a broad knowledge of the discipline is essential, both in the application of holistic methods of workplace evaluation and in the appropriate recognition of one's limits of expertise (the sign of a professional)

Unfortunately decision-making in the work place is all too often based on considerations other than the interface with the worker and their environment - expediency, fear of litigation, the profit motive or merely based on anecdotal evidence. This course is aimed at exposing you to the application of scientific method within the area of ergonomics.

We will be addressing the most frequent health problem affecting people at work - musculoskeletal injury - and discussing the interactive and cumulative effects from physical, cognitive and organisational contributors. Many of the issues and methods discussed will have applicability to both injury prevention and injury management programs.

### **OH&S 7134HO**

#### **Advanced Occupational Hygiene**

3 units - semester 1 or semester 2

Restriction: Available to Grad Dip & M OH&S students only

Assessment: to be advised at start of semester

This elective course deals with advanced topics in the areas of hazard evaluation and control. There will be practical coverage of industrial ventilation, heat stress, noise propagation and control, chemical exposure measurement and laboratory analytical methods. The course includes field visits to illustrate environmental monitoring and control technologies.

### **OH&S 7135HO**

#### **Advanced OHS Management**

3 units - semester 2

Restriction: Available to Grad Dip & M OH&S students only

Assessment: to be advised at start of semester

Identification of symptoms of malfunction in OHS systems; formulating change objectives and strategies for change; structural and behavioural implications in achieving change; implementing and monitoring an OHS change strategy; the nexus with OHS management, quality and productivity initiatives in program implementation.

### **OH&S 7136HO**

#### **Occupational Safety**

3 units - semester 1

Restriction: Available to Grad Cert, Grad Dip, M OH&S students only

Assessment: to be advised at start of semester

For each of the specific hazards of fire and explosion, dangerous goods, electricity and confined spaces the following will be covered: basic concepts, definitions, terminology, nature of hazards; relevant legislation and standards; prevention and control measures; emergency planning and response. Specific high industry cases studies (including mining, construction, farming).

### **OH&S 7137HO**

#### **Occupational Toxicology**

3 units - semester 2

Restriction: Available to Grad Dip & M OH&S students only

Assessment: Assignments 60%, exam 40%

This course will review concepts in chemical toxicology which constitute a rational basis for the setting of chemical exposure standards. It will include an overview of the principles of toxicology, toxicity testing and risk assessment. Examples will be drawn from typical industrial exposure situations.

### **OH&S 7138HO**

#### **OHS Management and Law II**

3 units - semester 2

Restriction: Available to Grad Dip & M OH&S students only

Assessment: to be advised at start of semester

This course will cover OH&S and relevant employment relations legislation. It will explore legal relationships in OH&S including employer/employee; principal/contractor, and supplier/purchaser. It will also address the enforcement pyramid and legal proceedings, OH&S management systems, their elements and their implementation, international and Australian quality standards and their nexus with OH&S.

### **OH&S 7139HO**

#### **OHS Research Methods**

3 units - semester 1

Up to 2 hours per week

Restriction: Available to Grad Dip & M OH&S students only

Assessment: to be advised at start of semester

This course aims to give an introduction to research methods in OHS, focusing on the application of epidemiology and biostatistics. Some basic numeracy skills will be required. At the completion of the course the student should be able to understand the applicability of epidemiology to occupational health; grasp basic concepts in

epidemiology and statistics; have a basic understanding of quantitative research strategies; be able to identify the appropriate research designs for a particular research question; and be able to appraise critically the occupational health literature which uses epidemiological techniques.

#### **OH&S 7140HO**

##### **OHSM Dissertation**

6 units - semester 1 or semester 2

Internal & external mode

Restriction: Available to Grad Dip & M OH&S students only

Assessment: examination of written work

The dissertation is an analysis or critical study of an occupational health and safety question. It would normally be based on information collected specifically for this study, although this is not an essential requirement. The dissertation provides students with an opportunity to consider an issue or problem in detail. No minimum length is prescribed, but as a general guide a length of 10-15,000 words might be expected.

A regular series of seminars will be held, at which students will present their research plans or progress.

#### **OH&S 7141TB**

##### **Practical Occupational Health**

3 units - semester 2

Restriction: Available to Grad Dip & M OH&S students only

Assessment: Minor assignments 60%, major assignment 30%, participation 10%

This course develops participant's skills and knowledge to anticipate, identify and control specific health hazards. Relevant ethical issues, health surveillance, systems for management of work-caused disability and the scope and function of occupational health services are also addressed.

#### **OH&S 7142HO**

##### **OH&S Research Thesis**

12 units - semester 1 or semester 2

Restriction: Available to Grad Dip & M OH&S students only

Pre-Requisite(s): PUB HLTH 7139HO

Assessment: thesis

The thesis should constitute a piece of original research, aiming to test a hypothesis, or to analyse a proposition or concept. This may entail collection of original information, or fresh examination of information collected previously for some other purpose. It should include a thorough literature review, an appropriate methodology, and display a critical approach to the topic. The implications for future research and/or OHS policy should be discussed. A regular series of seminars will be held, at which students will present their research plans and/or progress.

#### **OH&S 7143AHO/BHO**

##### **OHS Research Thesis Part 1 & 2**

12 units - full year

OHS Research Thesis to be completed over two semesters.

#### **OH&S 7144HO**

##### **OHSM Dissertation PT Progress**

3 units - semester 1 or semester 2

#### **OH&S 7145HO**

##### **OHSM Dissertation PT Final**

3 units - semester 1 or semester 2

## **Odontology**

#### **ODONT 6008AHO/BHO**

##### **Casework in Forensic Odontology Part 1 & 2**

6 units - full year

By supervision

Restriction: Available to Grad Dip Forensic Odontology students only

Assessment: casework performance, case-book, seminar presentation, essay, viva

This course will require students to participate in routine casework undertaken by the Forensic Odontology Unit. Students will perform and report on casework, including Coronial oral autopsies, bitemark examinations and age estimations. Preparation of case records and reports will be required for all cases. Attendance at the city mortuary and Courts of Law is required.

#### **ODONT 6012HO**

##### **Principles and Methods of Forensic Odontology**

6 units - semester 1

Up to 2 hours per week

Restriction: Available to Grad Dip Forensic Odontology students only

Assessment: seminar participation, essay

This course covers areas such as: history and role of forensic odontology in community dentistry, legal systems and role and jurisdiction of Courts of Law, the coronial system and practice of the Coroner's Office, expert evidence, methods of investigation of civil and criminal matters, relationship of police to forensic odontology, preservation and recovery of dental evidence from scenes, principles and techniques of video and computer imaging in cranio-facial superimposition, age estimation techniques, procedures for investigation of bitemarks and the principles of disaster victim identification.

#### **ODONT 6016A/B**

##### **Forensic Odontology Research Part 1 & 2**

6 units - full year

Restriction: Available to Grad Dip Forensic Odontology students only

Assessment: seminar presentation, research report

Students will undertake a small research project in an aspect of Forensic Odontology or related discipline.

#### **ODONT 6017**

##### **Research Methods and Ethics**

3 units - semester 1

Restriction: Available to Grad Dip Forensic Odontology students only

Assessment: participation in seminar, short test in biostatistics, evaluation and written critique of given scientific paper

The course of seminars and workshops aims to provide students with an appreciation of research methods, experimental design and ethics as they apply to research in dentistry and forensic sciences.

Students will gain an understanding of scientific methods, human and animal ethics as well as the ethics approval process. In

addition students will receive a grounding in biostatistics, experimental design and methodology, analysis, management and presentation of data, evaluation of research papers, scientific writing and oral presentations. Students are also required to complete training in laboratory and chemical safety, use of bibliography databases and the Cochrane Library and evidence-based dentistry. Where possible, the material presented will be selected to meet the research project of the students enrolled.

#### **ODONT 6018**

##### **Integrated Forensic Science**

3 units - semester 2

Restriction: Available to Grad Dip Forensic Odontology students only

Assessment: seminar presentation, essay

Highlights the interdisciplinary nature of forensic science. This subject aims to introduce the students to the range of forensic disciplines used by police and legal services. The student will develop an understanding of the overall management of a crime investigation, and an awareness of the place of forensic odontology in an investigation. The importance of teamwork will be emphasized.

## **Pharmacology**

#### **PHARM 7009AEX/BEX**

##### **Alcohol & Drug Studies Dissertation (F/T) Part 1 & 2**

24 units - full year

Flexible delivery mode

Restriction: Available to MA&DSt students only

Pre-Requisite(s): Completion of MA&DSt. coursework courses

Assessment: Dissertation

This course needs to be undertaken over two semesters to fulfil the requirements of the dissertation. The student is required to identify a research question or problem and carry out a research project which is either experimentally based or is a case study series. The dissertation should include a thorough literature review, appropriate methodology as well as presentation and interpretation of results.

#### **PHARM 7011EX**

##### **Drugs and Drug Problems**

6 units - semester 1 or semester 2

Flexible delivery mode

Assessment: exams, assignments

Students will learn how drugs affect the body and behaviour. This will include general principles of drug action, pharmacokinetics and variability in drug response, pharmacology of the major drug classes (opioids, benzodiazepines, alcohol, stimulants, 'party drugs', nicotine, hallucinogens and cannabis) and consequences of their use. Students will also be introduced to neurological mechanisms of drug tolerance and dependence and learn why addiction occurs and what aspects of genetics, personality and social circumstances predispose to drug problems.

#### **PHARM 7012EX**

##### **Responses to Drug Problems**

6 units - semester 1 or semester 2

Flexible delivery mode

Assessment: exam, assignments

This course will provide an overview of the current approaches to the management of drug problems in the community, including the

treatment of drug dependence, population health approaches and the response of the legal system. Students will be introduced to the full range of treatments for drug problems, from management of overdoses to psychosocial interventions and withdrawal management. Currently available pharmacotherapies used in the treatment of drug dependence, including substitution treatment and relapse prevention will also be discussed. At the community level, students will examine public health and legal responses to drug problems and look at what prevention and education strategies can be implemented to reduce alcohol and other drug problems in society.

#### **PHARM 7013EX**

##### **Issues in Drug Policy and Management**

6 units - semester 1

Flexible delivery mode

Restriction: Available to Grad Dip A&D St students only

Assessment: exam, assignments & discussion board participation

This course will have three major components. The first will cover two important subpopulations: those with co-morbid drug and mental health problems and indigenous drug users. The second will cover forensic issues, including crime resulting from drug intoxication and drug detection in body fluids. In the third, students will critically assess the current national policies on alcohol, tobacco and illicit drugs.

#### **PHARM 7014EX**

##### **Contemporary Research in Alcohol & Other Drugs**

6 units - semester 2

Flexible delivery mode

Restriction: Available to Grad Dip A&D St students only

Assessment: Assignments and literature review

Students will be required to write a literature review on a contemporary research topic in the alcohol and other drug field, approved by the course coordinator. To help students critically examine the existing literature, the course will also provide an overview of the fundamental concepts of research methodology and statistical analysis.

#### **PHARM 7015EX**

##### **Introduction to Addiction**

4 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: exam, assignments

This course/module is designed to provide an overview of the neuropharmacology of drugs of abuse and dependence, including basic principles of drug action as well as comprehensive coverage of the major classes of drugs (opioids, stimulants, nicotine, alcohol, sedatives, cannabis, hallucinogens). You will study mechanisms of action, effects, pharmacokinetics as well as tolerance and dependence for each of these drugs/drug classes. The reasons for addiction including biological, genetic, cultural and other determinants will be discussed. You will learn about laboratory based methods used in addiction research.

#### **PHARM 7016EX**

##### **Public Health Issues and Approaches to Addiction**

4 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: exam, assignments

This course/module provides an introduction to basic concepts and research methods in Public Health and Epidemiology as they relate to the study of addictions, as well as an in-depth consideration of the personal, social, economic, and cultural burdens/costs associated with drug and alcohol abuse and dependence. Individual and community-based risk and protective factors related to addictions and primary and secondary prevention efforts aimed at reducing the addictions-related public health burden are also a focus. An online lecture format featuring presentations by leading researchers and policymakers in the field of addictions will be used, along with readings, online discussions, and writing assignments, to (1) gain a greater understanding of the enormous costs of addictions at every level of society, and (2) introduce students to some of the current thinking and programs related to the primary and secondary prevention of addictions.

#### **PHARM 7017EX**

##### **Treatment of Addiction: Pharmacotherapies**

4 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: Assignment and exam

This course is designed to provide an overview of the pharmacological management of alcohol and drug addiction. It will cover the management of withdrawal from alcohol, sedatives, opioids, cannabis and stimulants as well as long term management of dependence on opioids, tobacco and alcohol. Additional topics include international perspectives on management of dependence, management of dependence during pregnancy and the process of medication development.

#### **PHARM 7018EX**

##### **Treatment of Addiction: Psychosocial Interventions**

4 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: Assignment and exam

This course/module is designed to explore the scientific basis and treatment of substance misuse from a psychological perspective germane to the management of drug, alcohol and nicotine dependence. Students will have the opportunity to evaluate the principles of different theoretical approaches underlying psychological assessment and evidence-based practice.

During this course/module students will develop a critical awareness of the current literature related to psychological theories of addiction. Students will examine the use and comparative efficacy of different psychological therapies in clinical practice including brief interventions, Cognitive Behavioural Therapy and Motivational Interviewing /MET. Other interventions (case management, group work, self help, integrated treatment for co-occurring disorders etc) will also be examined along side the evidence base for Relapse Prevention, Contingency Management and Therapeutic Communities. Students will also have the opportunity to explore psychological approaches used with specialist populations such as young people and adolescents.

#### **PHARM 7019EX**

##### **Treatment of Addiction: Critical Issues**

4 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: Assignment and exam

This course/module is designed to enable students to gain advanced understanding of the critical issues involved in the identification, recruitment, assessment, diagnosis and classification of individuals who misuse substances. Local, national and international barriers to treatment (stigma, culture, religion, politics, legal issues, civil commitment, cost, attitudes and beliefs) will be considered. Students will explore and critically examine treatment options in special settings (for instance, prisons, criminal justice and employment) and in special populations (for instance, addicted healthcare professional, co-morbid patients, pregnancy).

#### **PHARM 7020EX**

##### **Addiction Policies**

4 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: Assignment and exam

This course/module is designed to provide students of differing backgrounds an understanding of the process by which international addiction health policy is formed and reformed around the use and misuse of both licit and illicit drugs. The course/module will look at the epidemiology of addiction around the world and the relationship between the burden of addiction and the corresponding effects of national and international drug policies.

#### **PHARM 7021EX**

##### **Research Methodology in Addictions**

6 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: Assignment and exam

This course/module is designed to enable students to develop knowledge and understanding of the different methodological processes underpinning research in the addictions. The research principals involved in hypothesis testing and estimation procedures will be covered as well as the generic skills necessary to analyse data and interpret statistical findings. Basic epidemiological study designs, policy analysis and inferential statistical methods will be explored pertinent to the addictions field.

#### **PHARM 7022EX**

##### **Research Project in Addictions**

6 units - trimester 1 or trimester 2 or trimester 3

Online

Restriction: Available to MAddictSt students only

Assessment: Research report 10,000 words

This course/module is designed to allow students to participate in the research process. Students will be given the opportunity under supervision to complete a small research project. The submitted written text will be a minimum of 10,000 words in length, and is required to demonstrate a critical knowledge of the chosen topic area. The ability to apply scientific scrutiny to a topic related to aspects of drug and alcohol aetiology, treatment, prevention, public health or policy as identified by the programme team will be required. The research project may involve original data collection, secondary analysis of previously collected data sets, or other quantitative or qualitative research methods. The necessary defining feature is that the research project should demonstrate an appropriate level of academic rigor and understanding of the scientific implications of the findings of the project. Students will need to demonstrate competence in the integration and analysis of

data to further the translation of this knowledge into more effective policies and practices, in keeping with the stated aims of the programme

## Psychology

### PSYCHOL 6020

#### Doing Research in Psychology

3 units - semester 1

Up to 3 hours per week

Restriction: PSYCHOL 6001

Pre-Requisite(s): PSYCHOL 1000 & PSYCHOL 1001 or PSYCHOL 6100 - or equivalent

Co-Requisite(s): PSYCHOL 6026 & PSYCHOL 6028

Incompatible: PSYCHOL 6001

Assessment: Online exercises, research participation, practical report, written exam

The course presents an introduction to current approaches to enquiry in psychology. It considers the relative merits and shortcomings of these approaches and attempts to locate them within a broad framework of epistemological understanding. Consideration will be given to methods ranging from the interpretative to the experimental, and to appropriate procedures for analysing and drawing conclusions from the data such methods produce.

### PSYCHOL 6021

#### Foundations of Health & Lifespan Development

3 units - semester 2

Up to 3 hours per week

Restriction: PSYCHOL 6002, PSYCHOL 6003

Pre-Requisite(s): PSYCHOL 1000 & PSYCHOL 1001 or PSYCHOL 6100 - or equivalent

Co-Requisite(s): PSYCHOL 6026 & PSYCHOL 6028

Incompatible: PSYCHOL 6002 & PSYCHOL 6003

Assessment: Written assignments, tutorial, written exam

This course builds on the components of mental health and developmental psychology introduced in Psychology IA and IB. The course work covers two broad thematic areas. The first aims to build a solid foundation in understanding of development across the lifespan by considering select topics in development during childhood, adulthood and old age. The second provides an introduction to evidence-based psychological assessment, treatment and prevention for mental health behaviours as well as coverage of select topics in biological bases of health and behaviour. The course draws on the biopsychosocial (mind - body) perspective that recognises that health and other behaviours are determined by the interaction of biological mechanisms, psychological processes and social influences.

### PSYCHOL 6022

#### Foundations of Perception & Cognition

3 units - semester 1

Up to 3 hours per week

Restriction: PSYCHOL 6002 PSYCHOL 6003

Pre-Requisite(s): PSYCHOL 1000 & PSYCHOL 1001 or PSYCHOL 6100 - or equivalent

Co-Requisite(s): PSYCHOL 6024 & PSYCHOL 6025

Incompatible: PSYCHOL 6002 & PSYCHOL 6003

Assessment: Online exercises, written assignments, written exam

This course builds on the course components of the biological bases of behaviour, perception, and cognition studied in Psychology IA and Psychology IB. The aim of this course is to build a solid foundation in both perception and cognition. Students will examine how the brain processes sensory information to create a coherent representation of the environment and to allow individuals to perform daily activities. There will be a focus on the visual system, from the simple detection of light to using visual information to control movements. Building upon this basis, students will examine topics in cognition such as attention, memory, concept learning, categorisation, judgement and decision making, and language. The focus will be upon understanding basic principles and theories as well as their potential application to real world problems such as eyewitness testimony, autobiographical memory, language development, reading and problem solving.

### PSYCHOL 6023

#### Psychology in Society

3 units - semester 2

Up to 3 hours per week

Restriction: PSYCHOL 6002 Psychology IIA, PSYCHOL 6003 Psychology IIB

Pre-Requisite(s): PSYCHOL 1000 & PSYCHOL 1001 or PSYCHOL 6100 - or equivalent

Co-Requisite(s): PSYCHOL 6024 & PSYCHOL 6025

Incompatible: PSYCHOL 6002 & PSYCHOL 6003

Assessment: Online exercises, written assignment, written exam

This course seeks to build upon Level I Psychology, specifically areas relating to social, cross-cultural and organisational psychology. Social psychology lectures will include topics central to contemporary research in social cognition drawing specifically on experimental research on explicit and implicit processes in social perception. It will consider the social and psychological functions of stereotyping and the extent to which this psychological process can be brought under intentional control. Cultural psychology lectures will examine the ways in which the culture we are born into exerts a powerful influence on all aspects of our lives and how psychological knowledge itself can be shaped by cultural assumptions and values. Particular emphasis will be placed on indigenous issues in psychology and the importance of understanding these in the context of clinical and applied work with indigenous people. Organisational psychology will provide students with an understanding of how psychology can be used to enhance selection, recruitment and performance assessment in organisations, the impact on work performance of organisational culture, and the role of the organisational psychologist.

### PSYCHOL 6024

#### Doing Research in Psychology: Advanced

3 units - semester 2

Up to 3 hours per week

Restriction: PSYCHOL 6001

Pre-Requisite(s): PSYCHOL 6001 or PSYCHOL 6020

Incompatible: PSYCHOL 6001

Assessment: Practical report, two minor assignments, written exam

The course will introduce a range of statistical methods and issues in psychological enquiry that are more complex than those taught at Level II. A wide range of issues relating to research design will be covered, including ethical considerations in psychological research. Consideration will also be given to the inferences that have been made by researchers using particular research designs in specific areas of psychological interest.

## **PSYCHOL 6025**

### **Health & Lifespan Developmental Psychology**

3 units - semester 1 or semester 2

Up to 3 hours per week

Restriction: PSYCHOL 6005, PSYCHOL 6017

Pre-Requisite(s): PSYCHOL 6001 or PSYCHOL 6020 & PSYCHOL 6021

Incompatible: PSYCHOL 6005 & PSYCHOL 6017

Assessment: Written reports, tutorial, written exam

This course builds on the material of the foundation course. The underpinning theme is: the psychological, behavioural and social origins of lifespan development, illness, well-being and health enhancing behaviours. Lectures will focus on advanced topics in child development, mental health and physical health, and will include developing skills in critical evaluation and knowledge applications.

## **PSYCHOL 6026**

### **Individual Differences, Personality & Assessment**

3 units - semester 1

Up to 2 hours per week

Restriction: PSYCHOL 6014

Pre-Requisite(s): PSYCHOL 6001

Co-Requisite(s): PSYCHOL 6020

Incompatible: PSYCHOL 6014

Assessment: Online exercises, written practical report, written exam

This course addresses the field of Differential Psychology, which is concerned with understanding how and why people differ, despite broad similarities shared by all human kind. It reviews major theories, research methods and findings and how these translate into practices in the fields of intelligence and personality, including assessment. The curriculum builds on knowledge introduced in first and second years.

## **PSYCHOL 6027**

### **Perception & Cognition**

3 units - semester 2

Up to 2 hours per week

Restriction: PSYCHOL 6018, PSYCHOL 6019

Pre-Requisite(s): PSYCHOL 6020, PSYCHOL 6021, PSYCHOL 6022, PSYCHOL 6023

Incompatible: PSYCHOL 6018 & PSYCHOL 6019

Assessment: Online exercises, written report, written exam

Perception and Cognition builds upon PSYCHOL 6006 Foundations of Perception and Cognition. Lectures will focus on advanced topics in visual perception, such as depth perception, object recognition, face perception, and the relationship between vision and action, as well as on theories of cognition covering short and long term memory, learning, categorisation, language and applied decision making. Tutorials and self-directed learning sessions will introduce students to methods and skills such as signal detection theory, principles of cognitive modelling, and elementary programming.

## **PSYCHOL 6030**

### **Learning and Behaviour**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to GD.PsySc students only

Available for Non-Award Study

Pre-Requisite(s): PSYCHOL 6020, PSYCHOL 6021, PSYCHOL 6022, PSYCHOI 6023

Assessment: Practical, short quiz (SDL) and written exam

This course provides students with an intermediate and advanced understanding of the theoretical principles of learning theory. It examines the different ways in which these principles have been conceptualised by researchers, the experimental evidence in support of learning principles, the links and differences between animal and human learning and the ways in which these principles can be applied to human behaviour. There is a focus on the role of both the environment and evolution in the derivation of behaviour and human principles as well as a balance between the analysis of behaviour as an experimental and applied phenomenon. Students will be shown how these principles are applied in the fields of clinical psychology and marketing and other areas.

## **PSYCHOL 6031**

### **Psychology, Science & Society**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to GD.PsySc students only

Pre-Requisite(s): PSYCHOL 6020, PSYCHOL 6021, PSYCHOL 6022, PSYCHOI 6023

Assessment: Practical, short quiz (SDL) and written exam

The first part of the course on social psychology builds upon existing knowledge and examines the social principles of processes that enable us to understand human behaviour. Some of these topics include the ways in which people develop categories and stereotypes, develop attributions about the behaviour of others, and how identities (both individual and group) are structured and developed. The critical component of the course looks at psychology as a complex human enterprise that is concerned with the production, dissemination, and application of psychological knowledge claims. The broad aim of the course is to show how our understanding of psychology can be aided by recent developments in related disciplines such as philosophy, history, sociology and politics.

## **PSYCHOL 6100**

### **Introductory Psychology**

3 units - summer semester

Up to 2 hours per week

Restriction: Completed first degree with no Psychology

Pre-Requisite(s): Completed first degree with no Psychology

Incompatible: PSYCHOL 1000, PSYCHOL 1001 & PSYCHOL 6000 or equivalent

Assessment: written exam 50%, online exercises and written assignments 50%

This course provides an introduction to the basic concepts and core topics within contemporary psychology through a mixed delivery mode. Core topics covered during the course will include the development of the individual over the lifespan; the study of the person in a social context; differences between people with respect to their intelligence and personality; issues related to individual adjustment and maladjustment; the biological bases of behaviour; the interpretation by the brain of sensory signals from the external environment; the mechanisms underlying learning; the encoding, storage and retrieval of information; the nature of motivation and emotion; and an introduction to psychological assessment. The courses will also provide an introduction to the methodological approaches employed by psychologists to study these topics. Major findings to emerge from psychological research will be presented, and the practical significance of such work will be discussed.

Practical work will address the conventions of psychological report writing and the ethical principles underlying psychological research and practice.

### **PSYCHOL 6100NA**

#### **Introductory Psychology**

3 units - quadmester 2 or quadmester 4

3 days intensive. 6 weeks independent learning

Restriction: PSYCHOL 1000 Psychology IA & PSYCHOL 1001 Psychology IB, PSYCHOL 6000 Introductory Psychology or equivalent

Incompatible: PSYCHOL 1000, PSYCHOL 1001 & PSYCHOL 6000 or equivalent

Assessment: written exam 50%, online exercises and written assignments 50%

This course provides an introduction to the basic concepts and core topics within contemporary psychology through a mixed delivery mode. Core topics covered during the course will include the development of the individual over the lifespan; the study of the person in a social context; differences between people with respect to their intelligence and personality; the biological bases of behaviour; the interpretation by the brain of sensory signals from the external environment; the mechanisms underlying learning; the encoding, storage and retrieval of information; and an introduction to psychological assessment. The courses will also provide an introduction to the methodological approaches employed by psychologists to study these topics. Major findings to emerge from psychological research will be presented, and the practical significance of such work will be discussed. Written work will address the conventions of psychological report writing and the ethical principles underlying psychological research and practice.

### **PSYCHOL 7111**

#### **Master of Psychology (Clinical) Placement I**

4 units - semester 1 or semester 2

Up to 19 hours per week

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7101, PSYCHOL 7107 & PSYCHOL 7108 or equivalent

Assessment: contract agreed to by field placement supervisor, student & university placement supervisor

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in a range of settings.

### **PSYCHOL 7112**

#### **Master of Psychology (Clinical) Placement II**

4 units - semester 1 or semester 2

Up to 19 hours per week

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7107 & PSYCHOL 7108 or equivalent

Assessment: contract agreed to by field placement supervisor, student & university placement supervisor

Placements are arranged within approved agencies in South Australia which will reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in such areas as the psychological assessment and management of children and adults with special needs due to a mental disorder,

intellectual disability, acquired brain injury, or other health-related condition.

### **PSYCHOL 7113**

#### **Master of Psychology (Clinical) Placement III**

4 units - semester 1 or semester 2

Up to 19 hours per week

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7107 & PSYCHOL 7108 or equivalent

Assessment: contract agreed to by field placement supervisor, student and university placement supervisor

Placements are arranged within approved agencies in South Australia which will reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in a range of settings.

### **PSYCHOL 7114A/B**

#### **Research Project in Clinical Psychology Part 1 & 2**

16 units - full year

By supervision

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7102 or equivalent

Assessment: Dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to clinical psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

### **PSYCHOL 7116A**

#### **Research Project in Clinical Psychology Part 1**

8 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7102

Assessment: dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfill requirements of research project

This is an empirically-based research project on a topic of relevance to clinical psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

### **PSYCHOL 7116B**

#### **Research Project in Clinical Psychology Part 2**

8 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7102

Assessment: dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to clinical psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

### **PSYCHOL 7130**

#### **Evidence-based Practice**

3 units - summer semester

Up to 12 hours per week

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Assessment: Summative assignments assessing research skills. Summative assignment assessing professional skills

This course provides the student with the advanced research and professional skills required to practice within the scientist - practitioner model. On completion of the course, the student will be able to demonstrate knowledge of the ethical, professional and legal responsibilities of a practising psychologist. The student will have the ability to identify ethical issues and to locate, understand and apply the major supporting documentation (e.g. Australian Psychological Society Code of Ethics). Additionally, the student will have the knowledge and skills to undertake applied research and evaluation in a range of settings.

### **PSYCHOL 7131**

#### **Interviewing & Intervention**

3 units - summer semester

Up to 12 hours per week

Restriction: Available to M Psych(Clinical) & Psychology Double Degree students only

Assessment: Assignments

This course aims to develop students' skills in interviewing and counselling clients and conducting cognitive behavioural therapy (CBT), through observing, discussing and practising techniques in class, using a model of evidence-based practice. On completion of this unit students will be able to demonstrate knowledge and skills in interviewing, counselling and CBT.

### **PSYCHOL 7132**

#### **Psychological Assessment**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Assumed Knowledge: Introductory knowledge of the purpose for assessment and the basic principles and practices of psychometric testing.

Assessment: 2 assignments based on practical exercises

This course aims to introduce students to the principles and practice of psychological assessment. The course will focus on a small number of widely used norm-referenced tests of intellectual abilities as well as diagnostic interview schedules, and both clinician rated and self-report measures used in the assessment of emotional and

behavioural problems across the lifespan. Students will become familiar with the strengths, limitations, interpretation and presentation of findings from a variety of assessment instruments and will learn skills in both assessment planning and report writing. Students will learn about the ethical and social implications of assessment in a variety of contexts including socially and linguistically diverse populations. Opportunities for practice administration of assessment tools will be provided.

### **PSYCHOL 7133**

#### **Abnormal Psychology**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Pre-Requisite(s): PSYCHOL 7130

Assumed Knowledge: Psychology Honours degree and relevant undergraduate introductions to abnormal psychology and evidence-base practice

Assessment: 2 assignments & 1 examination

This course teaches students to recognise and diagnose child and adult psychological disorders using current diagnostic classifications (e.g. DSM-IV-TR). Students gain an understanding of the mechanisms and aetiology of a wide range of mental health problems and mental disorders (including comorbidities) and current evidence-based assessment and management (including basic psychopharmacology) across the lifespan.

### **PSYCHOL 7134**

#### **Health Psychology**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Co-Requisite(s): PSYCHOL 7133 Abnormal Psychology, PSYCHOL 7132 Psychological Assessment

Assessment: One group based assignment and one independent product

This course examines the relationships of social, biological, behavioural and cognitive variables to health. It covers those aspects of the social environment that influence health and illness outcomes including the interactions amongst family members and between healthcare consumers and healthcare providers. Risk factors for health-compromising behaviours are also discussed including strategies for their modification

### **PSYCHOL 7135**

#### **Clinical Neuropsychology & Disability**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Pre-Requisite(s): Honours level course in Psychological Assessment (or equivalent)

Co-Requisite(s): PSYCHOL 7132

Assumed Knowledge: Undergraduate level training in neuropsychology

Assessment: Two written assignments

The overall objective of this course is to introduce trainee clinical psychologists to the fields of clinical neuropsychology and disability. To this end, the nature and purposes of assessments in these

contexts will be examined. In addition, students will be introduced to some of the congenital and acquired brain disorders that occur across the lifespan and the different methods of assessment that are used to measure the cognitive and behavioural deficits associated with these disorders.

#### **PSYCHOL 7136**

##### **Advanced Child & Adult Intervention**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Pre-Requisite(s): PSYCHOL 7131

Assessment: Class participation and 2 assignments (1 written and 1 practical video exercise)

This unit aims to develop students' skills in professional practice and communication; in evidence-based and cross-cultural (Indigenous) practice with adults, children and families.

On completion of this unit students will be able to demonstrate knowledge and clinical skills in CBT, other evidence-based intervention and Indigenous cultural interventions modalities for adults, children and families, as well as the ability to critically evaluate their own clinical psychology practice.

Students will be able to plan, deliver and evaluate an intervention, and to consult, maintain clinical records, and provide written and oral reports. They will have demonstrated knowledge and understanding of, and a commitment to fulfilling, the National Standards for Mental Health workforce and the ethical, professional and legal responsibilities of a practising psychologist.

#### **PSYCHOL 7140**

##### **Master of Psychology (Clinical) Placement II**

3 units - semester 1 or semester 2

18 weeks of 2.5 days

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Pre-Requisite(s): PSYCHOL 7130, PSYCHOL 7131, PSYCHOL 7132 & PSYCHOL 7133

Assessment: Contract agreed to by field placement supervisor, student & university placement supervisor, Logbook, Case report, Student evaluation report and Placement supervisor report

Placements are arranged within approved agencies in South Australia that reflect the requirements of the Psychological Board of Australia and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in a range of settings.

#### **PSYCHOL 7141**

##### **Master of Psychology (Clinical) Placement I**

3 units - semester 1 or semester 2

2.5 days per week for 18 weeks

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Pre-Requisite(s): PSYCHOL 7131, PSYCHOL 7132 & PSYCHOL 7133

Assessment: Contract agreed to by field placement supervisor, student & university placement supervisor, Logbook, Case report, Student evaluation report and Placement supervisor report

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will

be required to gain a broad experience of clinical psychology in a range of settings. This placement will include a systematic program of observation and supervision to meet the developmental level of students.

#### **PSYCHOL 7143**

##### **Master of Psychology (Clinical) Placement III**

6 units - semester 1 or semester 2

2.5 days per week for 18 weeks

Restriction: Available to M Psych (Clinical) and Psychology Combined Degree students only

Pre-Requisite(s): PSYCHOL 7130, PSYCHOL 7131, PSYCHOL 7132 & PSYCHOL 7133

Assessment: Contract agreed to by field placement supervisor, student & university placement supervisor, Logbook, Case report, Student evaluation report and Placement supervisor report

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in a range of settings.

#### **PSYCHOL 7144**

##### **Research Project in Clinical Psychology I**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7130

Assessment: Thesis examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to clinical psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

#### **PSYCHOL 7145**

##### **Research Project in Clinical Psychology II**

9 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Clin) students only

Pre-Requisite(s): PSYCHOL 7130

Assessment: Dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to clinical psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

## **PSYCHOL 7221**

### **M Psych (Org & Human Factors) Placement I**

4 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7210

Assessment: terms of contract agreed to by field placement supervisor, student & university placement supervisor

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the School of Psychology web site.

## **PSYCHOL 7222**

### **M Psych (Org & Human Factors) Placement II**

4 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7210

Assessment: terms of contract agreed to by field placement supervisor, student & university placement supervisor

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the School of Psychology web site.

## **PSYCHOL 7223**

### **M Psych (Org & Human Factors) Placement III**

4 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7210

Assessment: terms of contract agreed to by field placement supervisor, student & university placement supervisor

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the School of Psychology web site.

## **PSYCHOL 7225A**

### **M Psych (Org & Human Factors) Research Project A**

8 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7201

Assessment: dissertation examined as per Academic Program Rule 3 of degree - students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to Organisational Psychology or Human Factors, pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation

of the findings, and preparation of the report in the form of a publishable article.

## **PSYCHOL 7225B**

### **M Psych (Org & Human Factors) Research Project B**

8 units - semester 2

By supervision

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7201

Assessment: dissertation examined as per Academic Program Rule 3 of degree - students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to Organisational Psychology or Human Factors, pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and preparation of the report in the form of a publishable article.

## **PSYCHOL 7230**

### **Evidence-based Practice**

3 units - summer semester

Up to 12 hours per week

Restriction: Available to M Psych (Health) students only, or by permission of Head of School

Assessment: Summative assignments assessing research skills. Summative assignment assessing professional skills

This course provides the student with the advanced research and professional skills required to practice within the scientist - practitioner model. On completion of the course, the student will be able to demonstrate knowledge of the ethical, professional and legal responsibilities of a practising psychologist. The student will have the ability to identify ethical issues and to locate, understand and apply the major supporting documentation (e.g. Australian Psychological Society Code of Ethics). Additionally, the student will have the knowledge and skills to undertake applied research and evaluation in a range of settings.

## **PSYCHOL 7231**

### **Interviewing & Intervention**

3 units - summer semester

Up to 12 hours per week

Restriction: Available to M Psych (Health) students only, or by permission of Head of School

Assessment: Assignments

This course aims to develop students' skills in interviewing and counselling clients and conducting cognitive behavioural therapy (CBT), through observing, discussing and practising techniques in class, using a model of evidence-based practice. On completion of this unit students will be able to demonstrate knowledge and skills in interviewing, counselling and CBT.

## **PSYCHOL 7232**

### **Psychological Assessment**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M Psych (Health) students only

Co-Requisite(s): PSYCHOL 7233

Assumed Knowledge: Psychology Honours degree and relevant undergraduate instruction in the qualities desirable in psychological tests and the statistical measures of those.

Assessment: 2 assignments based on practical exercises

This course aims to introduce students to the principles and practice of psychological assessment. The course will focus on a small number of widely used norm-referenced tests of intellectual abilities as well as diagnostic interview schedules, and both clinician rated and self-report measures used in the assessment of emotional and behavioural problems across the lifespan. Students will become familiar with the strengths, limitations, interpretation and presentation of findings from a variety of assessment instruments and will learn skills in both assessment planning and report writing. Students will learn about the ethical and social implications of assessment in a variety of contexts including socially and linguistically diverse populations. Opportunities for practice administration of assessment tools will be provided.

### **PSYCHOL 7233**

#### **Abnormal Psychology**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7230

Assumed Knowledge: Psychology Honours degree and relevant undergraduate introductions to abnormal psychology and evidence-base practice

Assessment: 2 Assignments & 1 exam

This course teaches students to recognise and diagnose child and adult psychological disorders using current diagnostic classifications (e.g. DSM-IV-TR). Students gain an understanding of the mechanisms and aetiology of a wide range of mental health problems and mental disorders (including comorbidities) and current evidence-based assessment and management (including basic psychopharmacology) across the lifespan.

### **PSYCHOL 7234**

#### **Health Psychology**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M Psych (Health) students only

Co-Requisite(s): PSYCHOL 7233 Abnormal Psychology, PSYCHOL 7232 Psychological Assessment

Assessment: 1 group-based assignment, 1 independent product

This course examines the relationships of social, biological, behavioural and cognitive variables to health. It covers those aspects of the social environment that influence health and illness outcomes including the interactions amongst family members and between healthcare consumers and healthcare providers. Risk factors for health-compromising behaviours are also discussed including strategies for their modification

### **PSYCHOL 7241**

#### **Master of Psychology (Health) Placement I**

3 units - semester 1 or semester 2

Placement - up to 19 hours per week

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7231, PSYCHOL 7232 & PSYCHOL 7233

Assessment: Supervisors' ratings on agreed learning tasks as per contract developed at beginning of Exercise)

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Health Psychologists. Students will be required to gain a broad experience of health psychology in a range of settings. This placement will include a systematic program of observation and supervision to meet the developmental level of students.

### **PSYCHOL 7242**

#### **Master of Psychology (Health) Placement II**

6 units - semester 1 or semester 2

Placement - up to 19 hours per week

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7231, PSYCHOL 7232 & PSYCHOL 7233

Assessment: Supervisors' ratings on agreed learning tasks as per contract developed at beginning of Exercise)

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Health Psychologists. Students will be required to gain a broad experience of health psychology in a range of settings.

### **PSYCHOL 7243**

#### **Master of Psychology (Health) Placement III**

6 units - semester 1 or semester 2

Placement - up to 19 hours per week

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7231, PSYCHOL 7232 & PSYCHOL 7233

Assessment: Supervisors' ratings on agreed learning tasks as per contract developed at beginning of Exercise)

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Health Psychologists. Students will be required to gain a broad experience of health psychology in a range of settings.

### **PSYCHOL 7244A**

#### **Research Project in Health Psychology Part 1**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7230

Assessment: Dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to health psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychiatry and one of who will be a Member of the College of Health Psychologists or eligible to be a Member). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

## **PSYCHOL 7244B**

### **Research Project in Health Psychology Part 2**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7230

Assessment: Dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to health psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychiatry and one of who will be a Member of the College of Health Psychologists or eligible to be a Member). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

## **PSYCHOL 7311**

### **Master of Psychology (Health) Placement I**

4 units - semester 1 or semester 2

Up to 19 hours per week

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7107 & PSYCHOL 7108 or equivalent

Assessment: Contract agreed to by field placement supervisor, student and university placement supervisor

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Health Psychologists. Students will be required to gain a broad experience of health psychology in a range of settings.

## **PSYCHOL 7312**

### **Master Psychology (Health) Placement II**

4 units - semester 1 or semester 2

Up to 19 hours per week

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7107 & PSYCHOL 7108 or equivalent

Assessment: Contract agreed to by field placement supervisor, student and university placement supervisor

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Health Psychologists. Students will be required to gain a broad experience of health psychology in a range of settings.

## **PSYCHOL 7313**

### **Master Psychology (Health) Placement III**

4 units - semester 1 or semester 2

Up to 19 hours per week

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7107 & PSYCHOL 7108 or equivalent

Assessment: Contract agreed to by field placement supervisor, student and university placement supervisor

Placements are arranged within approved agencies in South Australia that reflect the requirements of the SA Psychological Board and the APS College of Health Psychologists. Students will

be required to gain a broad experience of health psychology in a range of settings

## **PSYCHOL 7314A**

### **Research Project Health Psychology Part 1**

8 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Health) students only

Pre-Requisite(s): PSYCHOL 7102 or equivalent

Assessment: Dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to health psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

## **PSYCHOL 7314B**

### **Research Project Health Psychology Part 2**

8 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (Health) students only

Assumed Knowledge: PSYCHOL 7102 or equivalent

Assessment: Dissertation examined as per Academic Program Rule 3 of degree, students must complete this course to fulfil requirements of research project

This is an empirically-based research project on a topic of relevance to health psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

## **PSYCHOL 7330**

### **Evidence-based Practice**

3 units - summer semester

Up to 12 hours per week

Restriction: Available to M Psych (O&HF) students only

Assessment: Summative assignments assessing research skills. Summative assignment assessing professional skills

This course provides the student with the advanced research and professional skills required to practice within the scientist - practitioner model. On completion of the course, the student will be able to demonstrate knowledge of the ethical, professional and legal responsibilities of a practising psychologist. The student will have the ability to identify ethical issues and to locate, understand and apply the major supporting documentation (e.g. Australian Psychological Society Code of Ethics). Additionally, the student will have the knowledge and skills to undertake applied research and evaluation in a range of settings.

### **PSYCHOL 7331**

#### **Professional Practice**

3 units - summer semester

Up to 12 hours per week

Restriction: Available to M Psych (O&HF) students only, or by the permission of the Head of School

Assessment: Assignments

This course aims to develop students' skills in interviewing and counselling as well as their written and oral communication skills. The course also aims to familiarise students with the role of the organisational psychologist and the requirements of relevant professional and research organisations. On completion of this unit students will be able to demonstrate knowledge and skills in interviewing, counselling and competency in written and oral communication. Students will also be familiar with the role of the organisational psychologist and the requirements of relevant professional and research organisations.

### **PSYCHOL 7332**

#### **Psychological Assessment**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M Psych (O&HF) students only

Assumed Knowledge: Introductory knowledge of the purpose for assessment and the basic principles and practices of psychometric testing.

Assessment: 2 assignments based on practical exercises

This course aims to introduce students to the principles and practice of psychological assessment. The course will focus on a small number of widely used norm-referenced tests of intellectual ability, work aptitudes, personality, vocational interests, attitudes and values, and how these tests are used individually and in combination as part of psychological assessment in organisations. Consideration will also be given to interviewing as an assessment tool and to tests of the environment and organisational culture. Students will become familiar with the strengths, limitations, interpretation and presentation of findings from a variety of assessment instruments and will learn skills in both assessment planning and report writing. Students will learn about the ethical and social implications of assessment in a variety of contexts including socially and linguistically diverse populations. Opportunities for practice administration of assessment tools will be provided.

### **PSYCHOL 7333**

#### **Organisational Behaviour & Management**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M Psych (O&HF) students only, or by the permission of the Head of School

Assessment: Assignments

This course aims to provide students with an understanding of the factors that impact upon the behaviour of the individual in the workplace and how these factors can be used to structure a work environment and work experience that enhances both organisational and individual outcomes. It includes a consideration of values and attitudes, perception, motivation, and personality. It also analyses interpersonal influences that impact upon group behaviour in work settings. Topics covered in the course include communication and managing conflict, stress, individuals in groups and teamwork, decision-making, leadership, and issues in power and politics. In addition, it examines the influence of broader, organisation wide factors on behaviour in the workplace, with a specific focus on "person-organisation fit". Topics covered in this

section include organisational structure and work design and organisational culture.

### **PSYCHOL 7334**

#### **Human Resource Management**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M Psych (O&HF) students only, or by the permission of the Head of School

Assessment: Assignments

This course examines how an organisation can maximise its returns from its workforce, and employees can maximise their returns from their work. It involves understanding all aspects of the management of people at work, including: planning, job analysis, recruitment and selection, training and development, performance management, remuneration and benefits, career development, and dealing with redundancies and retirement. The course will consider these issues as well as the implications of emerging organisational challenges for human resource management practices. These challenges include: the increasing use of contract staff and outsourcing; harnessing and sustaining organisational commitment; developing organisational cultures that are responsive to change; diversity in the workplace; harnessing innovation and knowledge management; globalisation of industry; and changing workplace practices.

### **PSYCHOL 7335**

#### **Contemporary Organisational Psychology**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M Psych (O&HF) students only, or by the permission of the Head of School

Assessment: Assignments

This course aims to provide students with an understanding of factors relevant to individual and organisational health and well-being. It covers a range of advanced organisational psychology topics, including rehabilitation and disability at work, project management, assessment in practice, organisational learning, and successful organisational change. On completion of this course students will have a theoretical and practical understanding of issues relevant to worker injury and rehabilitation, project management, assessment in practice, and successful organisational change.

### **PSYCHOL 7336**

#### **Human Factors**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M Psych (O&HF) students only

Assessment: 1 presentation & 1 written report

Humans have a range of physical and psychological capabilities that necessarily constrain how they interact with their environment and perform tasks. This course provides an understanding of major areas of human factors such as these physical and psychological capabilities and limitations, and how applying human factors can optimise performance in a range of situations. It addresses how technology can be shaped to benefit human performance and includes information on how the human body works, and how information is processed. Specific topics include the effects of ambient conditions, stimulus-response compatibility in a range of practical situations, and accidents.

### **PSYCHOL 7341**

#### **Master of Psychology (O&HF) Placement I**

3 units - semester 1 or semester 2

Placement - up to 19 hours per week, record-keeping, report preparation and associated professional activities.

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7331 & PSYCHOL 7332

Assessment: Supervisors' ratings on agreed learning tasks as per contract developed at beginning of Exercise)

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. This placement will include a systematic program of observation and supervision to meet the developmental level of students. For further information, see the Program Handbook or the School of Psychology web site.

### **PSYCHOL 7342**

#### **Master of Psychology (O&HF) Placement II**

6 units - semester 1 or semester 2

Placement - up to 19 hours per week

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7331 & PSYCHOL 7332

Assessment: Supervisors' ratings on agreed learning tasks as per contract developed at beginning of Exercise)

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the School of Psychology web site.

### **PSYCHOL 7343**

#### **Master of Psychology (O&HF) Placement III**

6 units - semester 1 or semester 2

Placement - up to 19 hours per week, record-keeping, report preparation and associated professional activities.

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7331 & PSYCHOL 7332

Assessment: Supervisors' ratings on agreed learning tasks as per contract developed at beginning of Exercise)

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the School of Psychology web site.

### **PSYCHOL 7344A**

#### **Research Project in Org. Psychology Part 1**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7330

Assessment: Examination of thesis by two examiners

This is an empirically-based research project on a topic of relevance to Organisational Psychology, pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the

collection and analysis of data, the interpretation of the findings, and preparation of the report in the form of a publishable article.

### **PSYCHOL 7344B**

#### **Research Project in Org. Psychology Part 2**

6 units - semester 1 or semester 2

By supervision

Restriction: Available to M Psych (O&HF) students only

Pre-Requisite(s): PSYCHOL 7330

Assessment: Examination of thesis by two examiners

This is an empirically-based research project on a topic of relevance to Organisational Psychology, pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the School of Psychology). The project should be structured so that students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and preparation of the report in the form of a publishable article.

### **PSYCHOL 7401EX**

#### **Regimental Officer Basic Course**

3 units - semester 2

6 week intensive

Restriction: Available to M Psych (Occupational Mental Health) students only

Incompatible: PSYCHOL 7421EX

Assessment: Formative assessments and summative assessments

The aim of course is to prepare intern psychologists for employment within the Australian Defence Force. The course covers psychological testing and the maintenance of psychological documentation in accordance with legislation and APS Code of Conduct. The course also covers psychological assessment and counselling, counselling micro?skills and brief interventions (psycho?education for individuals and groups, arousal reduction techniques, sleep and fatigue management, grief, anger management and psychological first aid). Mental health screening (following operational deployment and critical incidents), frontline intervention for people with alcohol, tobacco and other drugs (ATOD) issues and suicide first aid are included in the course. The course is an intensive 30 day residential course with lectures, practicals and assessments.

### **PSYCHOL 7402**

#### **Evidence Based Practice**

3 units - summer semester

3 Week intensive

Restriction: Available to M Psych (Occupational Mental Health) students or permission from Head of School

Assessment: Summative assignments assessing research skills. Summative assignment assessing professional skills

This course provides the student with the advanced research and professional skills required to practice within the scientist - practitioner model. On completion of the course, the student will be able to demonstrate knowledge of the ethical, professional and legal responsibilities of a practicing psychologist. The student will have the ability to identify ethical issues and to locate, understand and apply the major supporting documentation (e.g. Australian Psychological Society Code of Ethics). Additionally, the student will have the knowledge and skills to undertake applied research and evaluation in a range of settings.

## **PSYCHOL 7403**

### **Psychological Assessment**

3 units - semester 1

1 week intensive (5x7 hour seminars)

Restriction: Available to M Psych (Occupational Mental Health) students or permission from Head of School

Assumed Knowledge: Introductory knowledge of the purpose for assessment and the basic principles and practices of psychometric testing.

Assessment: 2 practical & written assignments

This course aims to introduce students to the principles and practice of psychological assessment. The course will focus on a small number of widely used norm-referenced tests of intellectual ability, work aptitudes, personality, vocational interests, attitudes and values, and how these tests are used individually and in combination as part of psychological assessment in organisations. Consideration will also be given to interviewing as an assessment tool and to tests of the environment and organisational culture. Students will become familiar with the strengths, limitations, interpretation and presentation of findings from a variety of assessment instruments and will learn skills in both assessment planning and report writing. Students will learn about the ethical and social implications of assessment in a variety of contexts including socially and linguistically diverse populations. Opportunities for practice administration of assessment tools will be provided.

## **PSYCHOL 7404**

### **Clinical Disorders in Adults and Children**

3 units - semester 2

2-week intensive (10 x 3.5 hour seminars)

Restriction: Available to M Psych (Occupational Mental Health) students or permission from Head of School

Available for Non-Award Study

Assessment: Assignments & clinical skills video

This course aims to teach students to recognise and diagnose psychological disorders across the lifespan using current diagnostic classifications (e.g. DSM-IV-TR). Students gain an understanding of the aetiology and current evidenced based treatment of a wide range of mental health disorders. The first part of this course covers the relevant theories of psychopathology and treatment, and the importance of a sensitive approach to culture and ethnicity. The second part cover the clinical skills required to conduct a diagnostic interview and Global Assessment of Functioning, and the acquisition of competency in providing psychoeducation.

## **PSYCHOL 7407**

### **Interviewing and Intervention**

3 units - summer semester

Up to 12 hours per week

Restriction: Available to M Psych (Occupational Mental Health) students only

Assessment: Written assignments and reports

This course aims to develop students' skills in interviewing and counselling clients and conducting cognitive behavioural therapy (CBT), through observing, discussing and practising techniques in class, using a model of evidence-based practice. On completion of this unit students will be able to demonstrate knowledge and skills in interviewing, counselling and CBT.

## **PSYCHOL 7408EX**

### **Mental Health Disaster Management**

3 units - semester 2

This is an external course that involves 12 discrete topic areas - students will be required to complete one area per week through weekly readings. Four tutorial teleconferences will be convened during the semester

Restriction: Available to M Psych (Occupational Mental Health) students only

Assessment: Two written assignments - 1,500-2,000 words each. A third assignment - max 1,500 words. Participation in, and contributions to, teleconference tutorials.

The aim of this course is to introduce students to current and potential roles of psychology on military operations from both theoretical and applied perspectives. Students will be required to consider ways that psychological principles can be applied to build resilience and enhance performance in individual military members and teams. The course will also examine how psychologist can assist Commanders to optimise the effectiveness of their personnel on military operations, as well as to critically analyse the ethics of such involvement. Course topics include fostering psychological readiness for deployment, managing the risks of fatigue, surviving captivity, foundations of cross-cultural competence, trauma in disaster settings, and promoting resilience for body recovery tasks.

## **PSYCHOL 7409**

### **Neuropsychology & Disability**

3 units - semester 2

On-line only

Restriction: Available to M Psych (Occupational Mental Health) & Psychology Combined Degree students only

Co-Requisite(s): PSYCHOL 7403

Assumed Knowledge: Undergraduate level training in neuropsychology

Assessment: Two written assignments

The overall objective of this course is to introduce trainee clinical psychologists to the fields of clinical neuropsychology and disability. To this end, the nature and purposes of assessments in these contexts will be examined. In addition, students will be introduced to some of the congenital and acquired brain disorders that occur across the lifespan and the different methods of assessment that are used to measure the cognitive and behavioural deficits associated with these disorders.

## **PSYCHOL 7412**

### **MPsych(Occupational Mental Health) Placement I**

3 units - semester 1 or semester 2

250 hours over 36 days

Restriction: Available to M Psych (Occupational Mental Health) students only

Pre-Requisite(s): PSYCHOL 7401EX, PSYCHOL 7402, PSYCHOL 7407 & PSYCHOL 7403

Assessment: Log book, supervisors report & assessment

Placements are located in a wide range of ADF health and psychology units to meet the requirements of the state psychology boards and Australian Psychological Society. Students are required to gain a broad experience of occupational mental health within the ADF. More advanced work may be available, or required of students as they progress through their placements and as they gain experience in each placement.

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the ADF (approved by Head of School).

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the Defence Psychology Unit (approved by Head of School).

### **PSYCHOL 7413**

#### **MPsych(Occupational Mental Health) Placement II**

3 units - semester 1 or semester 2

250 hours over 36 days

Restriction: Available to M Psych (Occupational Mental Health) students only

Pre-Requisite(s): PSYCHOL 7401EX, PSYCHOL 7402, PSYCHOL 7407 & PSYCHOL 7403

Assessment: Log book, supervisors report & assessment

Placements are located in a wide range of ADF health and psychology units to meet the requirements of the state psychology boards and Australian Psychological Society. Students are required to gain a broad experience of occupational mental health within the ADF. More advanced work may be available, or required of students as they progress through their placements and as they gain experience in each placement.

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the ADF (approved by Head of School).

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the Defence Psychology Unit (approved by Head of School).

### **PSYCHOL 7414**

#### **MPsych(Occupational Mental Health) Placement III**

3 units - semester 1 or semester 2

250 hours over 36 days

Restriction: Available to M Psych (Occupational Mental Health) students only

Pre-Requisite(s): PSYCHOL 7401EX, PSYCHOL 7402, PSYCHOL 7407 & PSYCHOL 7403

Assessment: Log book, supervisors report & assessment

Placements are located in a wide range of ADF health and psychology units to meet the requirements of the state psychology boards and Australian Psychological Society. Students are required to gain a broad experience of occupational mental health within the ADF. More advanced work may be available, or required of students as they progress through their placements and as they gain experience in each placement.

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the ADF (approved by Head of School).

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the Defence Psychology Unit (approved by Head of School).

### **PSYCHOL 7415**

#### **MPsych(Occupational Mental Health) Placement IV**

3 units - semester 1 or semester 2

250 hours over 36 days

Restriction: Available to M Psych (Occupational Mental Health) students only

Pre-Requisite(s): PSYCHOL 7401EX, PSYCHOL 7402, PSYCHOL 7407 & PSYCHOL 7403

Assessment: Log book, supervisors report & assessment

Placements are located in a wide range of ADF health and psychology units to meet the requirements of the state psychology boards and Australian Psychological Society. Students are required to gain a broad experience of occupational mental health within the ADF. More advanced work may be available, or required of students as they progress through their placements and as they gain experience in each placement.

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the ADF (approved by Head of School).

Supervision will be met by providing a main supervisor through the School of Psychology and provision of a field supervisor by the Defence Psychology Unit (approved by Head of School).

### **PSYCHOL 7416A**

#### **MPsych(Occupational Mental Health) Res Project A**

6 units - semester 1 or semester 2

Arrange with supervisor

Restriction: Available to M Psych (Occupational Mental Health) students only

Pre-Requisite(s): PSYCHOL 7401EX, PSYCHOL 7402, PSYCHOL 7407 & PSYCHOL 7403

Assessment: Research Thesis

Empirically based research projects of direct relevance to the field of Defence Psychology will be pursued under the control of one or more supervisors appointed by the faculty (at least one of whom shall be a member of the School of Psychology).

The project should be structured so that the student participates in all steps involved in the research including the formulation of the question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings and preparation of the report.

The reports will be in the form of A) literature review and B) research report in the form of a publishable paper for a specified psychology journal. Although Masters students will not enrol until their second (full time) year, it is assumed that they will invest in considerable preparatory work from the time when they enter the program.

Literature Review:

Word Count: 4-5000 (excluding abstract)

Research Report:

Word Count: 5-8000

Layout: appropriate for journal

### **PSYCHOL 7416B**

#### **MPsych(Occupational Mental Health) Res Project B**

6 units - semester 1 or semester 2

Restriction: Available to M Psych (Occupational Mental Health) students only

Pre-Requisite(s): PSYCHOL 7401EX, PSYCHOL 7402, PSYCHOL 7407 & PSYCHOL 7403

Assessment: Research Thesis

Empirically based research projects of direct relevance to the field of Defence Psychology will be pursued under the control of one or more supervisors appointed by the faculty (at least one of whom shall be a member of the School of Psychology).

The project should be structured so that the student participates in all steps involved in the research including the formulation of the question(s), the design of the study including the selection of

appropriate methodology, the collection and analysis of data, the interpretation of the findings and preparation of the report.

The reports will be in the form of A) literature review and B) research report in the form of a publishable paper for a specified psychology journal. Although Masters students will not enrol until their second (full time) year, it is assumed that they will invest in considerable preparatory work from the time when they enter the program.

Literature Review:

Word Count: 4-5000 (excluding abstract)

Research Report:

Word Count: 5-8000

Layout: appropriate for journal

### **PSYCHOL 7420EX**

#### **Advanced Mental Health Strategies**

3 units - semester 1

Restriction: Available to M Psych (Occupational Mental Health) students only

Assessment: Written assignments & participation in online seminars

The aim of this course is to develop clinical and organisational skills to prepare and motivate individuals and teams to perform their military duties in war and war like operations. Theoretical and applied perspectives will be explored. Students will be required to consider ways that psychological principles can be applied to build resilience and enhance performance in individual military members and teams. Systemic challenges and opportunities to enhance the human dimension of operational effectiveness will be examined. The course will also consider how psychologists can consult most productively with commanders and critically analyse the ethics of psychological involvement in the military operational context.

### **PSYCHOL 7421EX**

#### **Mental Health Support on Operations**

3 units - semester 2

1-week intensive, 5 x 7hour sessions

Restriction: Available to M Psych (Occupational Mental Health) students only

Available for Non-Award Study

Assessment: SDL participation, written assignments & examination

This course aims to develop skills in the provision of mental health support to ADF personnel before, during, and after an operational deployment. The units covers brief counselling for AOTD (alcohol, tobacco, and other drugs), anger management, peer acceptance, loneliness and grief, operational stress and combat, and homecoming adjustment. The course also covers providing psycho-education interventions to prepare personnel for arduous duties, psychological first aid, suicide and self-harm interventions, and psychological screening (critical incidents and post-deployment).

### **PSYCHOL 7422**

#### **Advanced Child & Adult Interventions**

3 units - semester 1

Restriction: Available to M Psych (Occupational Mental Health) students only

Available for Non-Award Study

Assessment: Practical, assignments & participation

The aim of this course is to develop cultural sensitivity and clinical skills in working with other cultures (eg Aboriginal and Torres Strait Islanders). There is also an emphasis on developing skills of mindful self care for the practicing clinician and the consolidation of clinical

skills in evidence-based treatment (eg CBT, EMDR and mindfulness) leading to the selection and evaluation of the appropriate intervention for adults and children.

## **Public Health**

### **PUB HLTH 7073**

#### **Indigenous Health**

3 units - semester 2

Up to 2 hours per week

Available for Non-Award Study

Assessment: Minor assignments 20%, major assignment 75%, participation 5%

This course offers students the opportunity to analyse current public policy affecting the health of Aboriginal Australians. It uses historical and political analysis, and comparative studies of other indigenous populations, to provide a context for reflection on current Aboriginal health status and health needs.

The course provides opportunities for students to explore a wide range of Aboriginal health programs and issues, through an intensive and multi-disciplinary teaching program and individual research.

### **PUB HLTH 7074**

#### **Introduction to Biostatistics**

3 units - semester 1

Up to 2 hours per week

Available for Non-Award Study

Assessment: assignment 40%, exam 60%

By the end of the course, students should grasp basic concepts in statistics; have an understanding of quantitative research strategies; begin to critically assess literature in the public health domain which employs statistical methods, and appreciate the use of statistics in making decisions in the face of uncertainty.

### **PUB HLTH 7075**

#### **Introduction to Epidemiology**

3 units - semester 1

Up to 2 hours per week

Available for Non-Award Study

Assessment: assignment 40%, exam 60%

The aim is to give students a grounding in the basic concepts of epidemiology. Students will gain knowledge about: measuring and interpreting disease occurrence; epidemiological models of causation; study designs used in epidemiology and when to apply them; routine sources of data, their strengths, limitations and interpretation; and will begin to critically appraise epidemiological literature with reference to issues of study design and interpretation results.

### **PUB HLTH 7076**

#### **Health Policy and Public Health Interventions**

3 units - semester 1

Up to 3 hours per week

Available for Non-Award Study

Assessment: Assignments, presentation

This course is designed to provide students with an indepth understanding of public health interventions, at population, community and individual levels. There is consideration of the Ottawa Charter health promotion action areas, including building

healthy public policy, creating a supportive environment, strengthening community action, developing personal skills and reorienting health services. The learning about policy considers policy frameworks, instruments, implementation and evaluation.

#### **PUB HLTH 7077**

##### **Public Health Practicum (Full time)**

6 units - semester 1 or semester 2

Full semester full time

Assumed Knowledge: Completion of requirements for Grad Dip Pub Hlth

Assessment: Written project report, oral presentation, logbook entries and supervisor's report.

Students are required to undertake a project whilst placed or employed in an approved public health agency. Day to day supervision will be provided by the agency, and the project must address an issue of public health significance. A logbook of activity must be kept, and the assessment is on the basis of a written project report, oral presentation, logbook entries and the supervisor's report.

#### **PUB HLTH 7078**

##### **Social Science Research Methods for Public Health**

3 units - semester 1

Up to 3 hours per week

Available for Non-Award Study

Assessment: Critical reviews & essay 65%, research grant proposal 15%, research project presentation 20%

The aim of this course is to develop students' knowledge and understanding of the role and conduct of qualitative research methods in public health. Qualitative research is concerned with exploring the ways in which people interpret and give meaning to their everyday worlds. This type of research is central to how we come to understand public health issues as it provides historical and socio-cultural contexts for health and illness. How, for example, do Hmong women from Laos understand and experience child birthing practices in 'western' style hospitals in Sydney, and how might this information assist in tailoring culturally appropriate health services? Or how do people who are overweight understand future risks to their health?

The course equips students with the skills to review and conduct qualitative research. Students develop the skills to recognise and reflect on the strengths and limitations of different research methodologies, understand the links between theory and practice, critically assess research, and address ethical and practical issues. The course takes a step-by-step approach to the design and implementation of qualitative research and includes; conducting interviews, participant observation, focus groups, textual and media analysis; managing data (including computer assisted); analysing data; and writing and presenting findings.

#### **PUB HLTH 7081**

##### **Health Economics**

3 units - semester 2

Up to 2 hours per week

Available for Non-Award Study

Assessment: Assignments, essay

This course introduces basic concepts and practical issues faced by decision makers at all levels in the health system in allocating scarce resources between competing programs and between different consumer groups. There are two strands: firstly, a consideration of how better allocations might be identified and

measured; secondly, an examination of models of health system organization which are claimed to better achieve economic efficiency and equity of access. There will be an introduction to the techniques of economic appraisal applied to health interventions, with an emphasis on cost-effectiveness and cost-utility analysis. There will also be an introduction to the price mechanism in the market, and its strengths and limitations in the production and consumption of health services. Incentives operating variously under market and non-market mechanisms in the provision of health care will be explored. The organisation and finance of the Australian health system will be analysed and compared internationally.

#### **PUB HLTH 7082**

##### **Health Economic Evaluation & Decision Making**

3 units - semester 1

Up to 3 hours per week

Pre-Requisite(s): PUB HLTH 7081

Assessment: Three written assignments and a practical case study

The course will provide state of the art knowledge on key theoretical and practical issues in the application of health economics to inform the efficient and equitable allocation of health care resources within the context of alternative health care systems.

The course address a range of topic areas and technologies, expanding students' understanding of market failure in health care, and the issues around the provision of a publicly funded health care system, before focussing on the role of health economics within a publicly funded system. The latter addresses resource allocation frameworks (including new concepts such as price efficiency and the processes for displacement of existing technologies), the conduct of economic evaluation in health care (including alternative decision modelling techniques and methods of analysis, and valuation tools for eliciting utility values), value of information analysis to optimise research funding and methods for estimating hospital efficiency and their funding implications.

The mix of tutorials and practicals will provide opportunities to critique theories and apply methods through specific preparation tasks as well as to work in teams to complete set tasks during the practicals. At the end of the course students will be well qualified for a position in health economics with a university, government or industry employer

#### **PUB HLTH 7083**

##### **Public Health Practicum A (P/T)**

3 units - semester 1 or semester 2

Assessment: Written project report, oral presentation, logbook entries and supervisor's report

Students are required to undertake a project whilst placed or employed in an approved public health agency. Day to day supervision will be provided by the agency, and the project must address an issue of public health significance. A logbook of activity must be kept, and the assessment is on the basis of a written project report, oral presentation, logbook entries and the supervisor's report.

#### **PUB HLTH 7084**

##### **Public Health Practicum B (P/T)**

3 units - semester 1 or semester 2

Students are required to undertake a project whilst placed or employed in an approved public health agency. Day to day supervision will be provided by the agency, and the project must address an issue of public health significance. A logbook of activity must be kept, and the assessment is on the basis of a written

project report, oral presentation, logbook entries and the supervisor's report.

### **PUB HLTH 7100HO**

#### **Foundations of Public Health**

3 units - summer semester

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: assignments, group presentation

This course aims to provide students with a basic understanding of the core concepts in public health. It will begin with an exploration of what is meant by health itself, and how the health of a population can be measured. Then the main types and experiences of disease in the Australian population (and elsewhere) will be considered. This will lead to an analysis of the multifactorial causation of ill health and premature death in populations. After that, the implications for health and related services will be investigated, with an emphasis on prevention and community participation. No prior specialist knowledge of public health will be assumed.

### **PUB HLTH 7104HO**

#### **Biostatistics**

3 units - semester 2

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Pre-Requisite(s): PUB HLTH 7101HO at credit level or above

Assessment: to be advised

This course is designed to suit students requiring a high degree of self-sufficiency in the collection, analysis and interpretation of data. The topics will include a selection from: survey sampling methods, non-parametric statistical methods, linear models, analysis of case-control studies, generalised linear models and poisson regression, and survival analysis.

A central feature of the course will be instruction in the use of statistical packages on computers. Emphasis will be placed on data management and manipulation, practical application of statistical skills to real data sets and interpretation of results.

### **PUB HLTH 7105TB**

#### **Diseases of Occupation**

3 units - semester 1

Internal & external mode

Restriction: Available to Grad Cert, Grad Dip, M OH&S students only

Available for Non-Award Study

Assessment: Minor assignments, major assignment, participation

This course offers a broad introduction to occupational health and safety. It will address the relationships between work, work processes and work exposures, and the occurrence of disease and injury. The nature, extent and distribution of work-related death, disease and injury will be considered, with special emphasis on the Australian environment. An important aim is to encourage a critical attitude towards health and safety issues, so that students will learn to evaluate problems and formulate appropriate preventive measures on the basis of scientific principles. The elective includes an industrial visit.

### **PUB HLTH 7106HO**

#### **Epidemiological Research Methods**

3 units - semester 2

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Pre-Requisite(s): PUB HLTH 7101HO or PUB HLTH 7074 at credit level or higher

Assessment: Assignment, exam

This course concentrates on conceptual and practical issues encountered in the design and interpretation of epidemiological research. Theoretical material as it relates to carrying out such research will include the definition and control of bias and confounding in observational studies, interaction, modern design of case control studies, meta-analysis, clinical epidemiology, descriptive epidemiology, and epidemiology theory. Common pitfalls in epidemiological reasoning are examined, and attention is paid to research design, and critical reading of the research literature. Students are introduced to electronic information resources in epidemiology (listservs, World Wide Web sites). The course is designed to present students with an up-to-date view of epidemiological research methods.

### **PUB HLTH 7107HO**

#### **Epidemiology of Infectious Diseases**

3 units - semester 2

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: presentation, production of informative class handout, assignment

The aim of this elective course is to provide a grounding in communicable disease epidemiology of use to students of public health. It assumes no prior specialist knowledge.

An ecosystem approach will be taken to the course. Thus a concentration on sick humans and aspects of their disease is inappropriate. The students will be urged to view infectious disease as a visible manifestation of an ecological problem and to dissect out the agent, host and environmental factors that lead to such phenomena. Such an approach in turn is the basis for the design of feasible public health interventions.

### **PUB HLTH 7108HO**

#### **Public Health Ethics**

3 units - semester 2

Intensive - a minimum of 36 hours

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: Presentation 30%, essay 55%, report 15%

This course uses the analytical tools provided by ethics and social philosophy to examine public health research, policy and practice. The course includes both foundational elements - an introduction to utilitarianism, liberalism and communitarianism as ethical frameworks for public health - and the application of these elements to aspects of: epidemiological research; health promotion; disease prevention and control; public health research and practice in international settings; community based practice and research; and public health policy.

### **PUB HLTH 7111HO**

#### **Occupational Toxicology**

3 units - semester 2

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: assignment, exam

This course reviews concepts in chemical toxicology which constitute a rational basis for the setting of chemical exposure standards. It includes an overview of the principles of toxicology; biological processes such as toxicant absorption, distribution, metabolism and excretion; the use of toxicity tests and other data to characterise a chemical's toxic effects with specific emphasis on

carcinogenicity, mutagenicity, neurotoxicity and developmental toxicity; and the problem of estimating risk.

### **PUB HLTH 7113HO**

#### **Environmental and Occupational Health**

3 units - semester 1 or semester 2

Online - Internal mode depending on numbers

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: Tutorial assignments, essays

This course aims to introduce a range of environmental factors, which may pose a risk to the health of human populations. It also addresses risk assessment and management methods for evaluating and controlling such risks. A variety of diseases associated with exposure to common occupational and environmental factors will be discussed. In addition, there will be an overview of the historical, legislative and administrative aspects of occupational health.

### **PUB HLTH 7114HO**

#### **National Short Course in Environmental Health**

3 units - semester 2

Intensive - a minimum of 36 hours

Restriction: Available to Grad Cert, Grad Dip, M OH&S, Public Health students only

Assessment: 2 assignments, subsequent to intensive study period

This topic is based on an intensive short period of study (5 days). The course outlines the principles of risk assessment and management and will focus primarily on the process of identifying, quantifying, evaluating and managing the effects of population exposures to various environmental contaminants and other factors. 'Risk' will provide the framework, including hazard identification, dose response assessment, exposure assessment and risk characterisation. To address the potential hazards of ambient environmental exposures, various public health disciplines are needed: epidemiology, toxicology, environmental sciences and various policy analysis-related disciplines to appraise and manage risk. The course will illustrate the role of these disciplines in the investigation and management of environmental health problems.

### **PUB HLTH 7118HO**

#### **Public Health Studies**

3 units - semester 1 or semester 2

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: to be advised

This course, which is offered in response to specific requests, enables students to develop an individualised reading course with an academic staff member in a field of significant public interest. It is not a specific preparation for thesis work. The details of the course are arranged by negotiation between individual students and appropriate teachers within the department, although cooperative arrangements may be organised with other departments or public health agencies. A written plan of study will be developed in consultation with a staff member, including the criteria for formal assessment which may include a seminar presentation.

### **PUB HLTH 7119HO**

#### **MPH Dissertation (Full-Time)**

12 units - semester 1 or semester 2

Restriction: Available to MPH students only

Pre-Requisite(s): completion of MPH coursework

Assessment: dissertation

The dissertation can be the final requirement of the MPH and should therefore reflect what the student has learned from the core and elective course work of the degree program. Unless exempted by the Discipline of Public Health, the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation.

\* exemptions will be rare but may be necessary in some circumstances to avoid significant disadvantage to a particular student.

### **PUB HLTH 7120HO**

#### **MPH Dissertation (Part-Time)**

6 units - semester 1 or semester 2

Restriction: Available to MPH students only

Pre-Requisite(s): Completion of MPH coursework

Assessment: dissertation

The dissertation can be the final requirement of the MPH and should therefore reflect what the student has learned from the core and elective course work of the degree program. Unless exempted by the Discipline of Public Health, the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation.

\* exemptions will be rare but may be necessary in some circumstances to avoid significant disadvantage to a particular student.

### **PUB HLTH 7147HO**

#### **Health Technology Assessment**

3 units - semester 2

Assumed Knowledge: PUB HLTH 7101HO & PUB HLTH 7074

Assessment: participation in tutorials & practicals, assignments, major assignment - attendance at all sessions a prerequisite for passing this course

This course will take a broad view of the impact of health technologies such as medical procedures, medical devices, pharmaceuticals and public health interventions on population and individual health. Emphasis will be placed on methods for the systematic review of safety, effectiveness and economic efficiency; and on the implementation of the findings of health technology assessment into clinical and public health practice. Attention will also be given to the diffusion of technological innovations within their social, cultural and ethical context; to horizon scanning; to the structure of the international health technology industries; and to the operation of health technology regulatory mechanisms.

### **PUB HLTH 7148HO**

#### **Environmental and Occupational Health (CMVH)**

3 units - winter semester

Online - Internal mode depending on numbers

Restriction: Available to Defence Force personnel only

Available for Non-Award Study

Assessment: Tutorial assignments, essays

This course aims to introduce a range of environmental factors, which may pose a risk to the health of human populations. It also addresses risk assessment and management methods for evaluating and controlling such risks. A variety of diseases associated with exposure to common occupational and environmental factors will be discussed. In addition, there will be an

overview of the historical, legislative and administrative aspects of occupational health.

### **PUB HLTH 7150HO**

#### **Dental Public Health**

3 units - semester 2

Restriction: Available to Grad Cert, Grad Dip, MPH students only

Assessment: To be advised

This course is designed to suit students requiring specific understanding of dental public health. The course will focus on (a) the assessment of various oral disease levels and related problems, identification of prevention and control measures, selection and implementation of appropriate measures and evaluation of the results; (b) the structure of existing dental care programs, the coverage of the community and integration and organisation of all types of dental resources including the supply, distribution and utilisation of dental personnel, facilities and funds.

## **Surgery**

### **SURGERY 7001HO**

#### **Minimally Invasive Surgery Theory 1**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to MMIS students only

Assessment: Examination 100%

The course will provide students with a theoretical and practical understanding of the relevant anatomy for laparoscopic surgery and physiological changes of minimally invasive surgery.

This course addresses a range of topics and technologies aimed at expanding students' understanding of the relevant anatomy and pathophysiology for minimally invasive surgery. It will focus on the physiological changes that occur as a result of pneumo peritoneum; the immunological ramifications of laparoscopic surgery; and the course will also look at the issues surrounding cancer and the appropriate use of minimally invasive surgery techniques in its management.

The course will use specific minimally invasive surgical cases as a method of demonstrating these principles. At the end of the course students will have a sound theoretical basis for the performance of minimally invasive surgery.

A mix of lectures and tutorials will be provided for the students to discuss and develop a significant knowledge base.

### **SURGERY 7002HO**

#### **Minimally Invasive Surgery Theory 2**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to MMIS students only

Pre-Requisite(s): SURGERY 7001HO

Assessment: Exam

The course will cover key issues in the application of minimally invasive surgery. It will provide teaching on the ergonomics of minimally invasive surgery, the theory of dissection devices including structure, use and care of laparoscopic equipment and the energy sources and vessel ligation systems used for laparoscopic dissection. It will also address the possible complications of minimally invasive surgery and how to avoid and treat them. Pain management following laparoscopic surgery will be dealt with along with fast track recovery techniques following minimally invasive

surgery. The course will use specific minimally invasive surgical cases as a method of teaching and analysis.

The mix of lectures and tutorials will provide opportunities for students to familiarise themselves with new technology on minimally invasive techniques.

### **SURGERY 7003HO**

#### **Min Inv Surgery-Research & Development 1**

3 units - semester 1

Up to 1 hour per week

Restriction: Available to MMIS students only

Assessment: To be advised

This course encourages students to carry out their own research into relevant topics with minimally invasive surgery. Students will carry out literature reviews before designing an appropriate research project based around minimally invasive surgery. Their choice of research project will be supervised by senior surgical clinicians.

Students will learn how to appraise relevant scientific literature and to summarise findings based on logical argument and evidence based information.

There will be tutorials but the emphasis will be on independent study where students will be expected to work autonomously but with the provision of supervision where and when they require it.

### **SURGERY 7004HO**

#### **Min Inv Surgery-Research & Development 2**

3 units - semester 2

Up to 1 hour per week

Restriction: Available to MMIS students only

Pre-Requisite(s): SURGERY 7003HO

Assessment: To be advised

This course will bring together work from Semester 1 MIS0002 to enable students to summarise available literature findings and design a research project to review the current literature and produce an article in their chosen speciality (Upper GI, Colorectal, Renal Transplant Surgery, Gynaecology, Vascular or Urology) suitable for publication in a peer reviewed journal.

### **SURGERY 7005HO**

#### **Min Inv Surgery-Clinical Practice 1**

6 units - semester 1

Up to 1 hour per week

Restriction: Available to MMIS students only

Assessment: Exam

The course will provide comprehensive clinical training to a high level of competency in the practice of minimally invasive surgical techniques.

The teaching of minimally invasive surgical techniques will start with the introduction and use of high fidelity virtual laparoscopic trainers and the completion of a metric based training course on the virtual laparoscopic trainer. Once basic skills have been taught students will observe cases in the operating room. Operating set-up, equipment use and trouble-shooting of equipment failure will be taught. The student will then progress to assisting at minimally invasive surgical procedures.

Pre-operative patient assessment and counselling and post-operative fast-track recovery management will be emphasised.

This course is a combination of individual mentoring and small group tutorials.

## **SURGERY 7006HO**

### **Min Inv Surgery-Clinical Practice 2**

6 units - semester 2

Up to 1 hour per week

Restriction: Available to MMIS students only

Pre-Requisite(s): SURGERY 7005HO

Assessment: Exam

With increasing experience students will, under supervision, perform minimally invasive surgical cases. Mentoring will be provided during the procedures and the procedures will be recorded and reviewed with students on a weekly basis to provide feedback on minimally invasive surgical techniques. At the end of Semester 2 students will have created an instructional DVD on a minimally invasive surgical procedure.

## **SURGERY 7050HO**

### **Surgical Science and Clinical Practice I**

3 units - semester 1

Up to 2 hours per week

Restriction: Available to M. Surgical Science students only

Pre-Requisite(s): Completion of MBBS

Assessment: Tutorial attendance 10%, Clinical Skills Assessment 20%, Examination 70%

The course will provide comprehensive clinical training to a high level of competency in surgical thinking, techniques and practice.

This course will extend students beyond acquisition of essential knowledge and skills to also develop the scholarly skills of reflection and critical thinking essential for independent clinical practice. Students will be able to demonstrate they have reflected on and developed their own surgical technique and practice and they understand what constitutes an appropriate surgical environment and know the ethical basis of consent issues for surgery.

Clinical tuition will be given on the wards and in theatres and by attendance and participation at departmental ground rounds. Tutorial and clinical skills sessions will also develop clinical skills in case analysis, decision making, as well as proficiency skills in a range of surgical technologies, techniques and instrumentation.

## **SURGERY 7051HO**

### **Surgical Science and Clinical Practice II**

3 units - semester 1

Up to 2 hours per week

Restriction: Available to M. Surgical Science students only

Pre-Requisite(s): SURGERY 7050, Completion of MBBS

Assessment: Tutorial attendance 10%, Clinical Skills Assessment 20%, Examination 70%

This course builds from the experience students received from Surgical Science and Clinical Practice 1 and provides further comprehensive clinical training, with emphasis on quality assurance practices, clinical handover, clinical leadership and quality of life issues.

Continued clinical training in surgical techniques, technologies and tools will be provided through the student's clinical placement as well as from weekly tutorials and practicals.

## **SURGERY 7052HO**

### **Surgical Science Research and Development I**

6 units - semester 1

Up to 1 hour per week

Restriction: Available to M. Surgical Science students only

Pre-Requisite(s): Completion of MBBS

Assessment: Tutorial, Journal Club and Research Meeting attendance 10%, Research Proposal 40%, Article Review and Presentation 25%, Examination 25%

This course encourages students to carry out their own research into relevant topics in surgery. Students will carry out literature reviews before designing a research protocol for a given research project. The research project will be supervised by senior surgical clinicians.

Students will learn how to appraise relevant scientific literature and to summarise critically review findings based on logical argument and evidence based information. They will then be required to present this review at one of the monthly Journal Club meetings.

There will be tutorials but the emphasis will be on independent study where students will be expected to work autonomously but with the provision of regular weekly supervision from their project mentor. The tutorials will augment the research component to be completed by the students by providing coursework on topics that will be able to be applied practically to the research project and article review and presentation.

## **SURGERY 7053HO**

### **Surgical Science Research and Development II**

6 units - semester 2

Up to 1 hours per week

Restriction: Available to M. Surgical Science students only

Pre-Requisite(s): SURGERY 7052, Completion of MBBS

Assessment: Tutorial, Journal Club and Research Meeting attendance 10%, Research Paper 60%, Research Paper Presentation 30%

This course will bring together work from Semester 1 Surgical Science: Research and Development I to enable students to complete a research project on a relevant surgical topic. Students will have hands-on experience completing an individual scientific research project, with the aid of a research mentor. Students will be able to consolidate this experience and knowledge with the preparation of a paper suitable for publication in a peer reviewed journal. The design, implementation and outcomes of the research project will also be presented by the students to a group of peers and colleagues.

Students will continue to advance their skills in critically reviewing and evaluating the scientific literature by continuing to attend and participate in Departmental Journal Club and Research meetings. This will also enable students to keep abreast of new technologies/advancements in the field of surgery and promote the importance of lifelong learning and continuing professional development and commitment to current knowledge in the field of surgery.

## **SURGERY 7054HO**

### **Surgical Science Theory and Principles I**

3 units - semester 1

Up to 3 hours per week

Restriction: Available to M. Surgical Science students only

Pre-Requisite(s): Completion of MBBS

Assessment: Tutorial attendance 10%, Assignment 20%, Examination 70%

The course will provide students with a theoretical and practical understanding of the history of surgery and the integration of surgery and science.

This course addresses a range of topics and technologies to consolidate and deepen the student's knowledge of the relevant

anatomy, pathophysiology and internal medicine as related to surgery. It will provide an introduction to a more scientific approach to the study of surgery from a clinical, developmental and evolutionary perspective. It will focus on the physiological changes and the immunological ramifications of surgery; and the course will also look at the issues surrounding tumour biology and genetics and the appropriate use of surgical techniques in its management.

The course will use specific surgical cases as a method of demonstrating these principles. At the end of the course students will have a sound theoretical basis for the performance, purpose and implications of surgery.

A mix of lectures and tutorials will be provided for the students to discuss and develop a significant knowledge base.

## **SURGERY 7055HO**

### **Surgical Science Theory and Principles II**

3 units - semester 2

Up to 3 hours per week

Restriction: Available to M. Surgical Science students only

Pre-Requisite(s): SURGERY 7054HO, Completion of MBBS

Assessment: Tutorial attendance 10%, Assignment 20%, Examination 70%

The course will follow from Surgical Science - Theory and Principles I and will further address key issues in the application of surgery. It will provide teaching on the implications and causes for surgery including wound care and healing, infection control and pain. It will present the current cellular and molecular knowledge for common diseases including how this knowledge has impacted on diagnosis and current treatment options.

The course will also provide an overview of radiological imaging in the surgical patient and the use of simulation in surgical training. Finally the course will investigate the current innovations in surgery, including robotic and laparoscopic surgery and their principles and practice.

The course will use specific surgical cases as a method of teaching and analysis.

The mix of lectures and tutorials will provide opportunities for students to familiarise themselves with new technology as well as opportunities to discuss and develop a significant knowledge base.

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