

Medicine

First year

510-110 Principles of Biomedical Science

Credit points: 37.5

Coordinator: Prof S Harrap

Contact: Ninety hours of lectures; 22 hours of problem-based learning tutorials; 36 hours of practical classes. Estimated non-contact time commitment: an average of at least 15 hours per week (*Semester 1*).

Description: The major objectives are to gain an integrated understanding of the structure and function of the human body. This will be addressed at the levels of organ systems, tissues, cells and molecules. The scientific basis of the following topics will be discussed: whole body organisation including basic anatomy, roles of the major organ systems, functional organisation of cells and their specific organelles, characteristics of specialised cells, structure-function characteristics of major biological molecules including carbohydrates, lipids, proteins, enzymes and DNA, the biochemical basis of complex processes such as homeostasis, reproduction and inheritance, growth and development, defence against infectious agents, pathological changes, ageing and death.

Assessment: Mid-semester test(s) (30%); PBL tutor assessment (10%); practical examination (15%); two end-of-semester examinations (45%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-111 Health Practice 1

Credit points: 12.5

Coordinator: Prof D. Young

Contact: Ten lectures of one hour; Fifteen 90-minute tutorials, and 3 clinical placements/visits. Estimated non-contact time commitment: 9 hours per week (*Semester 1*).

Description: There are three aspects to this subject: an introduction to 1) the theory and 2) the practice of medicine with a focus on the doctor and patient and the therapeutic relationship and 3) professional skills with an emphasis on fundamental academic skills. It also provides a brief overview of the broader context of where patients and doctors come from and how origins may impact on professional and patient behaviour and expectations and on the doctor-patient relationship. Issues of culturally appropriate care and key ethical principles in doctor-patient relationships and doctor roles will be covered. Lectures are complemented by a series of tutorials that integrate with the PBS and Introduction to Clinical Medicine (ICM) tutorials. ICM introduces communication and consulting skills and their effect in enhancing the doctor-patient relationship. Information gathering skills are practised in the form of contextual social history taking. Field visits will complement these tutorials.

Assessment: Assessment: First Aid: First aid test at St John's Ambulance Certificate Level 2 standard (hurdle requirement); tutor assessment (20%); mid-semester written assignment of 1500 words (30%); 2-hour end-of-semester written examination (50%).

Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-112 Nutrition Digestion & Metabolism

Credit points: 37.5

Coordinator: Assoc Prof G Parslow

Contact: Seventy hours of lectures, 28 2-hour problem-based learning tutorials, 53 hours of practical classes. Estimated non-contact time commitment: an average of at least 15 hours per week (*Semester 2*).

Description: This subject focuses on the fuels and other nutrients needed for good health and how the body absorbs, digests, metabolises, stores, uses and then excretes these substances. There will be an emphasis on the development, structure and major functions of the organ systems involved in these processes, namely the gastrointestinal system, the hepatobiliary system and the renal system. Fuel and energy are stored in skeletal muscle and adipose tissue, and students will be expected to develop an understanding of how these fuels are mobilised and preferentially used under differing circumstances and stresses. Other content areas include the metabolism of pharmaceutical agents, the anatomy of the abdomen and the diseases that affect the gastrointestinal, hepatobiliary and urinary systems.

Assessment: Mid-semester test(s) (10%); PBL tutor assessment (10%); practical examination (15%) two end-of-semester examinations (total five hours) (65%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-113 Health Practice 2

Credit points: 12.5

Coordinator: Prof J. McCalman

Contact: Twenty-five-and-a-half hours of lectures and tutorials, 3 hours of computer lab workshops, 12 hours clinical skills sessions and 12 hours clinical placements. Estimated non-contact time commitment: 9 hours per week (*Semester 2*).

Description: This semester explores the context of medical practice: the organisation of health care plus the social and cultural factors that influence the scope and effectiveness of medical practice. Content areas to be covered include health, illness and culture; social determinants of health and illness; indigenous health; gender and disease; health structures; and ethical issues relevant to medical practice. Lectures will be complemented by five PBL tutorials. Students will learn history-taking in relation to the gastrointestinal system, as well as the skills of measuring and calculating BMI and waist-hip ratio, examination of the gastro-intestinal system and hand washing.

Assessment: Written assignment of no more than 2500 words (30%); end-of-semester written examination of 2 hours (50% - hurdle requirement); performance-based assessment in the form of an objective structured clinical examination (OSCE) which includes direct observation of a clinical interview (20%) and physical examination (hurdle requirement). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

Second year

510-210 Cardio-respiratory & Locomotor Systems

Credit points: 37.5

Coordinator: Assoc Prof O Woodman, Dr J Hayes

Contact: Seventy hours of lectures; 28 2-hour problem-based learning tutorials; 56 hours of practical classes. Estimated non-contact time commitment: an average of at least 15 hours per week (*Semester 1*).

Description: This subject has two components, the cardio-respiratory system and the locomotor system.

The objectives of the cardiorespiratory system component are to gain an understanding of the integrated function of the cardio-respiratory system, the mechanisms and control of gas exchange and acid-base metabolism, cardio-respiratory homeostatic and adaptive mechanisms in humans and the mechanisms of pathological processes leading to disease of the cardiorespiratory system. Major topics covered are normal anatomy and development of the cardiovascular and respiratory systems, anatomy of the thorax, electrophysiology of the heart, measurement and assessment of cardiac and respiratory function, the principles of physics relating to blood flow, respiration and cardio-respiratory investigations, the mechanisms of ventilation, gas exchange and oxygen carriage in the lungs, periphery and a cellular level, acid-base homeostasis, mechanisms of action of endogenous messengers and drugs on the cardiac and respiratory systems, and mechanisms of blood pressure control and its disturbance.

The objectives of the locomotor system component are to understand the structure/function relationships of bone, muscle and joints, the pathologic processes affecting these and the processes of repair and healing. Content areas include the anatomy of the limbs and back, the structure, functions and metabolism of the skeleton, muscles and related connective tissue, and pathologic processes affecting the musculoskeletal system.

Assessment: Mid-semester test(s) (15%); PBL tutor assessment (10%); practical examination (15%); two end-of-semester examinations (total of five hours) (60%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-211 Health Practice 3

Credit points: 12.5

Coordinator: Dr Heather Rowe

Contact: Twenty three hours of lectures and tutorials, 12 hours clinical skills sessions and 12 hours clinical placements. Estimated non-contact time commitment: 9 hours per week (*Semester 1*).

Description: This semester explores systematic approaches to understanding causality of illness and identifying risk factors. The role of genetic, social, psychological and environmental factors will be explored. Students will be introduced to the concept of evidence-based medicine and systematic methods for collecting and critically appraising evidence. Individual and population-based intervention strategies will be discussed together with aspects of disease prevention and health promotion. Students will be expected to be able to take a clinical smoking history, asthma history, chest-pain history and dyspnoea history, and to be able to develop a diagnostic hypothesis.

Assessment: Written assignment of no more than 2500 words (30%); end-of-semester written examination of 2 hours (50% - hurdle requirement), per-

formance-based assessment in the form of an objective structured clinical examination (OSCE) which includes direct observation of a clinical interview (20%) and physical examination (hurdle requirement). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-212 Control Systems, Growth and Development

Credit points: 37.5

Coordinator: Assoc Prof S. Rees, Prof R. Pepperell

Contact: Seventy-six hours of lectures; 28 2-hour problem-based learning tutorials; 56 hours of practical classes. Estimated non-contact time commitment: an average of at least 15 hours per week (*Semester 2*).

Description: Objectives are to develop an understanding of the structure/function relationships in the human brain and the role and mechanisms of the major components of the endocrine system. The normal processes in human reproduction, foetal development, growth and ageing and the effects of abnormalities in these processes will also be covered. Content areas include the development and organisation of the nervous system, brainstem function, motor control systems, sensory systems, the hypothalamic-pituitary axis, the anatomy of the head and neck, thyroid and adrenal function, maturation and reproductive function during life, fertility and reproduction, the anatomy of the pelvis, foetal growth, human development and ageing, the abnormalities and pathological processes affecting the endocrine and reproductive systems and the care of the aged in society.

Assessment: Mid-semester tests (15%); PBL tutor assessment (10%); practical examination (15%); two end-of-semester examinations (total of five hours) (60%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-213 Health Practice 4

Credit points: 12.5

Coordinator: Dr Sarah Wilson

Contact: Fourteen hours of lectures and five 90-minute Health Practice (HP) tutorials; Eleven 2-hour clinical skills sessions including the use of simulated and real patients and an ophthalmology clinical placement. Estimated non-contact time commitment: 9 hours per week (*Semester 2*).

Description: This subject is a continuation of Health Practice 3. Objectives are to develop an understanding of the psychological aspects of medical practice, the relationship between neuroscience and the mind, psychological development of the individual, and the role of gender and sexuality in health. Students will also continue to develop effective clinical communication skills, and interview and physical examination skills. Content areas include an introduction to psychological medicine, brain function in health and illness, human development across the life span, and issues of reproduction, sexuality and gender in health.

Assessment: Three mid-semester class tests (20%); end-of-semester written examination of 2 hours (50% - hurdle requirement); ICM performance-based assessment in the form of an objective structured clinical examination (OSCE) that includes direct observation of a clinical interview (20%) and a physical examination (hurdle requirement); and tutor assessment (10%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

Third year

510-310 Defence Mechanisms and Their Failure

Credit points: 37.5

Coordinator: Prof R Robins-Browne, Mrs S Uren

Contact: Seventy hours of lectures, 28 2-hour problem-based learning tutorials, and 56 hours of practical classes and workshop sessions. Estimated non-contact time commitment: an average of at least 15 hours per week (*Semester 1*).

Description: Objectives are to develop an understanding of immune mechanisms, the major groups of pathogens in human disease, community implications of infectious disease, oncogenesis and tumour biology and the principles of clinical and laboratory diagnosis and pharmacological intervention in infectious, inflammatory and immune disease. Content includes mechanisms of inflammation, organisation and function of the immune system, disturbances of immune function, biology of pathogenic organisms in human disease, principles of antimicrobial therapy, laboratory diagnosis of infectious and immune disease, epidemiology and public health aspects of infectious diseases, mechanisms of oncogenesis, biology of tumour progression, scientific basis of diagnosis, prevention and treatment of cancer and haematological malignancies.

Assessment: Mid-semester test(s) (15%); PBL tutor assessment (10%); two end-of-semester (written) examinations (total of five hours) (75%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-311 Health Practice 5

Credit points: 12.5

Coordinator: Dr Alex Holmes

Contact: Twenty-one-and-a-half hours of lectures and tutorials, 12 hours clinical skills sessions and 3 full-day clinical placements. Estimated non-contact time commitment: 9 hours per week (*Semester 1*).

Description: This semester explores the psychosocial problems that emerge from the problems of the week. Subjects will include public health and disease control, adverse events, patient and practitioner distress and the psychosocial aspects of cancer medicine. Students learn how to examine skin lesions, soft tissue lumps and the breast. They will revise history and examination skills learned in earlier semesters and integrate these into a biopsychosocial assessment.

Assessment: Three class assessments (20%); end-of-semester written examination of 2 hours (50% - hurdle requirement); performance-based assessment in the form of an objective structured clinical examination (OSCE) which includes direct observation of a clinical interview and physical examination (30%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

510-320 Advanced Medical Science 1

Credit points: 50

Coordinator: Assoc Prof S Farish

Prerequisites: Successful completion of 510-310 Defence Mechanisms and Their Failure and 510-311 Health Practice 5.

Contact: Students undertaking Advanced Medical Science are expected to be full-time students (*Semester 1, repeat 2*).

Description: Advanced Medical Science provides an introduction to the processes of research work in a field related to medicine, including critical appraisal of the literature, and aims to develop independent skills in research and an understanding of the place of research in medicine; to enhance oral and written communication skills; and to encourage further learning in areas of relevance to medicine.

Students undertaking Advanced Medical Science 510-320/510-420 will be able to choose one double-semester topic from a range of units which will be published each year. Most units are at the University of Melbourne, some are at other prestigious institutes in Australia and overseas, and a limited number are student-initiated. Each unit will comprise a minimum of 50% research and the balance in coursework including research methods training.

Assessment: As specified for individual units in the Advanced Medical Science web site at <http://www.medicine.unimelb.edu.au/ams> Successful completion of the research report is a hurdle requirement. Penalties apply for late submission of the research report. An initial penalty of 5% applies to any submission after the due date, and a further 1% for every additional day beyond three days late, unless an extension has been granted prior to the submission date.

Fourth year

510-420 Advanced Medical Science 2

Credit points: 50

Coordinator: Assoc Prof S Farish

Prerequisites: Successful completion of 510-320 Advanced Medical Science 1

Contact: Students undertaking Advanced Medical Science are expected to be full-time students (*Semester 1, repeat 2*).

Description: Advanced Medical Science 2 is a continuation of Advanced Medical Science 1. Please refer to the description for 510-320 Advanced Medical Science 1 (p.2) for details.

Assessment: As specified for individual units in the Advanced Medical Science web site at <http://www.medicine.unimelb.edu.au/ams> Successful completion of the research report is a hurdle requirement. Penalties apply for late submission of the research report. An initial penalty of 5% applies to any submission after the due date, and a further 1% for every additional day beyond three days late, unless an extension has been granted prior to the submission date.

510-421 Research Project (AMS)#

Credit points: 50

Coordinator: Associate Professor Stephen Farish

Prerequisites: Entry to the Bachelor of Medical Science (Honours) course.

Contact: Students undertaking Advanced Medical Science are expected to be full-time students (*Semester 1, repeat 2*).

Description: Research Project (AMS) is a continuation of Advanced Medical Science 2 for those students undertaking the honours component of the Bach-

elior of Medical Science course, and comprises an extension of the existing research project being undertaken in Advanced Medical Science 2.

Assessment: The principal assessment is the AMS Project Report, which comprises an additional 50 points (i.e. minimum 100 points of research for the BMedSc(Hons) program). The report should be between 12,000-15,000 words.

510-511 Integrated Clinical Studies

Credit points: 50

Coordinator: Clinical Deans

Contact: Three hundred and sixty hours of formal teaching comprised of problem or topic orientated classroom-based tutorials, structured professional and procedural skills sessions and bedside tutorials. Students will also participate in clinical activities such as ward rounds, outpatient clinics, operating theatre sessions and team meetings as well as independently clerking patients on medical and surgical wards. Estimated non-contact time commitment: an average of at least 30 hours per week (*Semester 1, repeat 2*).

Description: A two-semester systems-based program aimed at developing the knowledge, skills and attitudes required for effective patient management in medicine and surgery. This subject is based on four domains presented in an integrated fashion.

The first, the Scientific Basis of Medicine, aims to develop knowledge of the clinical features, pathogenesis and natural history of common and important medical and surgical diseases, the principles of investigational medicine and therapeutics and an understanding of human mind and behaviour within a biopsychosocial model.

The second domain, Clinical Skills, aims to develop communication and consultation skills within the context of integrated, problem-orientated medical interviewing and physical examination. Students will also learn to perform a range of procedural skills under supervision.

Within the Professional Attitudes and Development domain, students will be provided with an opportunity to develop their professional skills and attitudes for interacting with patients and their families, other health professionals and the wider community. They will be encouraged to understand the importance of identifying personal and professional limitations, of behaving in an ethical manner and of the legal and forensic aspects of medicine.

The fourth domain, Population Health, places emphasis on health promotion and disease prevention, epidemiology and the influence of social determinants of health such as age, gender and ethnicity. It also introduces students to the structure of the health system, the use of information technology in medicine and the role of evidence-based medicine in clinical decision making.

Assessment: Written examinations of up to four hours duration (at end of subject) (40%); tutor assessment (10%); multi-station objective structured clinical examination (OSCE) of not more than two hours (at end of each semester) (30%); long case (20%); and evidence-based medicine (EBM) exercises (pass/fail). Students must pass the long case; the Semester 9 OSCE with an overall mark of 60%; and the EBM exercises in both Semesters 8 and 9. If the only hurdle missed is the long case, an extra test will be given shortly after the examination. Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

Fifth year

510-620 Women's and Children's Health

Credit points: 50

Coordinator: Prof M Permezel, Dr C. Bevan

Prerequisites: Successful completion of Semesters 8 and 9 (Integrated Clinical Studies).

Contact: Nineteen-week period in Semester 10 or 11 including bedside tutorials, outpatient clinics and problem-based learning tutorials. Estimated non-contact time commitment: an average of at least 20 hours per week (*Semester 1, repeat 2*).

Description: This subject consists of two units: Women's Health and Child and Adolescent Health.

Women's Health: At the end of the Women's Health course, students should have knowledge of the 'normal' situation and the common abnormal conditions in obstetrics, gynaecology and neonatal paediatrics. They must be able to perform skills such as taking a competent history and taking a cervical smear. They must have experience of intrapartum obstetrics and operative gynaecology. Most importantly, they must appreciate the many ethical challenges that must be confronted in the effective delivery of women's health.

Child and Adolescent Health: The aims of the course are for students to acquire knowledge, skills, personal qualities and attitudes necessary to provide medical care for children and adolescents as a junior medical officer. Students are provided opportunities to:

- acquire knowledge of normal and impaired growth and development, recognition of serious illness in children, the implications of disease in childhood and adolescence for adult health and the importance of prevention;
- develop an appreciation of the importance of family, children's rights, the role of the doctor in appropriately promoting health and disease prevention;
- learn to take a history, perform physical examinations, initiate appropriate investigations, make provisional diagnoses and propose treatment plans for children and adolescents.

The objectives are achieved through weekly problem-based learning (PBL) tutorials, theme-based symposia, small group clinical skill sessions, electives, self-directed learning (clinical and computer aided) and completion of formative assessment tasks. Generic skills that will be learned include communication skills and working in teams.

Assessment: Written papers up to six hours in total (50%); objective structured clinical examination (OSCE) up to three hours (30%); continuing assessment mark (20%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

Hurdle requirements: Students must pass each of the Women's Health and Children's Health units. Students must pass both the written and OSCE examination of each unit to pass the subject. In addition, students are required to complete a number of tasks to a satisfactory standard during each unit, including presentations at clinical meetings and seminars, case commentaries, delivery suite participation and elective tasks. Students who fail to reach a satisfactory standard on these tasks may be given extra tests and/or a viva prior to the publication of results.

510-621 Specialty Health Rotations

Credit points: 50

Coordinator: J.Schwarz,A.Dent,A.Holmes,S.Sivamalai

Prerequisites: Successful completion of Semesters 8 and 9 (Integrated Clinical Studies).

Contact: Eighteen-week period in Semester 10 or 11 including bedside tutorials, outpatient clinics, special clinics, emergency departments and problem-based learning tutorials. Estimated non-contact time commitment: an average of at least 20 hours per week (*Semester 1, repeat 2*).

Description: This subject consists of four units: Rural health; Psychiatry; Rehabilitation, Aged Care, Palliative Care and Psychiatry of Old Age (RAPP); and Emergency Medicine.

Rural Health: The curriculum aims to give students an understanding of rural sociocultural issues; the epidemiology of rural health and illness; occupational health and safety in primary and secondary industries; rural and indigenous health service roles, activities and utilisation. Students will gain clinical exposure to rural emergency/acute wards, rural GP practice, district nursing and allied health, rural diagnostic services and special clinics; and they will conduct supervised hospital-based and home-based patient interviews, supported by on-line tutorials. Students will undertake placements in an indigenous community, occupational medicine and clinical skills and practice laboratories/workshops. A generic skill to be learned will be adaptability to a different environment.

Psychiatry: The curriculum aims to give students an understanding of the biological, psychological and social causes of common serious illnesses; the major disabilities, handicaps and impairments besetting the individual and families suffering from a mental disorder; the principles of treatment of major mental disorders in a range of settings; the importance of stigma, culture, gender and developmental stages when assessing, recognising and managing psychiatric illness. An important generic skill will be empathic communication.

RAPP: Rehabilitation, Aged Care, Palliative Care and Psychiatry of Old Age: The curriculum aims to give students an understanding of the principles underlying assessment and management of patients in each discipline. Students are particularly expected to gain an understanding of the importance of the interactions between community and hospital services (acute and sub acute) for patient care in each discipline. The importance of family input to care will also be stressed. The teaching methods used will be tutorials, seminars and clinical sessions, which will occur in hospital and community settings and on home visits. Generic skills to acquire are an understanding of multidisciplinary management, the social consequences of illness and holistic care.

Emergency Medicine: The curriculum aims to give students a solid grounding in the principles underlying the assessment and early management of patients presenting to emergency departments. Students are particularly expected to gain an understanding of triage processes, the assessment of the seriously ill and victims of trauma, the challenges of managing patients in emergency departments and the importance of teamwork in emergency care. Students will be based in an emergency department and some attendance after hours and at weekends will be expected. The teaching methods used will be problem-based tutorials, procedural skills tutorials and clinical experience under supervision in the emergency department setting.

Assessment: One 3-hour written examination (31.25%), one 2,000-word case presentation (6.25%), one 1,500-word case report (12.5%), 1 half-day OSCEs (16.7%), one 15-minute placement report (11.1%), one 15-minute clinical presentation (6.68%), one 15-minute case history combined with case management (6.68%), one Emergency OSCE (2.20%), one 15-minute case presentation (2.20%) and tutor marks (4.44%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.

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Sixth year

Advanced Clinical Placement

Following semester 10 and prior to semester 11, a 4-week elective clinical placement must be undertaken.

Co-ordinators: Clinical Deans

Pre-requisites and/or Co-requisites: Successful completion of Semester 10.

Contact: A minimum of four weeks devoted to an approved program of study. Attachments may begin during the long vacation and the timing can be varied but the placement must be completed prior to the beginning of Semester 11 clinical rotations.

Special requirements: Students must make their own arrangements for the clinical placements, which should be planned during Semesters 8 to 10. A proposal stipulating the duration of attachment, nature of the work and its location, and a proposed supervisor must be submitted through the Clinical Dean for approval by the faculty. Students should seek advice from the Clinical Dean of their teaching hospital.

Students who have been identified 'at risk' (ie. performance in any semester 8-10 subject of less than 60%, or less than 60% on any clinical hurdle), or who have failed a rotation within a subject, or have taken leave of absence during semesters 8-10, may be required to undertake a clinical placement in general medicine and surgery as recommended by their Clinical Dean.

Description: The objective is to give students the opportunity to widen their experience and knowledge in an area or areas of interest to them. Examples of how this may be achieved include examining in greater depth some aspect of medicine, either through supervised work on a project or by close contact in clinical activities with members of the teaching staff or other members of the profession; working in situations giving greater responsibility in the care of patients than ordinarily applies in the undergraduate course; sampling the broad demands of medical practice in the community; travelling away from the parent hospital to experience health care in the country, or in interstate or overseas hospitals, experiencing possible fields of future specialisation so as to facilitate later career choice.

Generic Skills:

- self reliance
- diplomacy (as ambassadors of The University of Melbourne)
- interacting with patients from different backgrounds

Assessment: The elective is graded pass/fail. The completion of the elective is a hurdle requirement for proceeding to semester 11. The Clinical Dean will obtain reports from both student and supervisor.

Note: See the School of Medicine office for information about loans to assist in overseas travel.

Prescribed Texts: There are no prescribed texts.

510-613 Integrated Clinical Practice

Credit points: 50

Coordinator: Prof.J.Zajac,Prof.A.Kaye,Prof.D.Young

Prerequisites: Successful completion of Women's and Children's Health and Specialty Health Rotations.

Contact: One hundred and fifty hours of formal teaching comprised of tutorials, structured professional and procedural skills sessions, meetings with General Practice supervisors, ward rounds, outpatient clinics, operating theatre sessions and team meetings as well as independent patient clerking of in-hospital and community-based patients. Estimated non-contact time commitment: an average of at least 30 hours per week (*Semester 2*).

Description: The subject aims to facilitate students' integration of prior theoretical knowledge with practical skills necessary to prepare them for post-graduate intern training. Students will gain experience in a variety of clinical settings including general practice, medical and surgical wards and ambulatory care settings of teaching hospitals.

Assessment: Multi-station objective structured clinical examinations (OSCE) of not more than two hours duration (55%); Long Case (30%); General Practice Supervisor Assessment (15%). Students are also required to complete a Log Book of clinical skills (including written tasks, such as Discharge Summaries and Evidence-Based Medicine Exercises) (unweighted hurdle requirement). Students must reach a satisfactory standard in the Log Book, pass the Long Case and achieve 50% for the aggregate of the Long Case and the OSCE. If the Long Case is the only hurdle failed an extra Long Case will be given prior to the posting of results. Hurdle requirement: 75%