

APPLIED CLINICAL SCIENCES

3

Credit Points 40

Legacy Code 401262

Coordinator Neil Merrett ([https://directory.westernsydney.edu.au/search/name/Neil Merrett/](https://directory.westernsydney.edu.au/search/name/Neil%20Merrett/))

Description Applied Clinical Science 3 commences the third clinical year of the MD program. You will further extend the knowledge and skills gained in previous units by being immersed in clinical and community placements, and advance your professional competencies in this final year, towards graduation. Placements include Medicine, Surgery, General Practice, Aboriginal Health and Critical Care rotations in a wide range of hospitals and community based services and organisations in Greater Western Sydney, Bathurst and Lismore. Learning and assessment requirements do not differ across sites. This experiential learning is supported by campus, clinical school and online activities, including seminars, workshops and modules to prepare you for clinical practice as a graduate doctor.

School Medicine

Discipline General Medicine

Student Contribution Band HECS Band 3 40cp

Level Postgraduate Coursework Level 7 subject

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Provides patient centred care at all stages of care, from pre-pregnancy to end of life
2. Promotes the health and wellbeing of individuals and populations, with particular focus on Greater Western Sydney, rural, regional and Aboriginal and Torres Strait Islander communities
3. Evaluates and continuously develops own personal and professional capabilities, and those of others
4. Applies a sound understanding of the biomedical, psychological and social sciences to medical practice

Subject Content

The major specialties and subspecialties of Medicine, Surgery, General Practice, Aboriginal Health and Critical Care are covered in Applied Clinical Sciences 3 through a combination of clinical and community based placements, campus and clinical school lectures, workshops and tutorials. Topics covered in these specialties include the following

1. Patient care
 - Diagnosis and investigation of problems and presentations in general medicine, surgery, general practice, Aboriginal health and Critical care
 - formulation and implementation (under supervision) of patient centred management plans
 - prescribing medications and other therapeutic agents
 - application and evaluation of clinical and procedural skills
2. Health in the Community
 - health care systems and services
 - Advocacy for disease prevention and health promotion
3. Scientific Basis of Medicine
 - appraisal, application and evaluation of evidence to clinical problems
 - application of The biomedical, psychological and social sciences to medical and health problems and presentations
 - conducting research

4. Professional and Personal Development

- Ethical practice
- multidisciplinary teamwork and communication
- learning and Teaching in clinical environments
- safety and quality in clinical settings

Teaching Periods