

UNIVERSITY OF THE WESTERN CAPE

Schools of Public Health & Pharmacy, in collaboration with SIAPS and other partners



NEW Online Rational Medicines Use Module

Duration: Semester (July - November 2015)

This module is specifically developed to equip healthcare professionals such as pharmacists, doctors and nurses with the necessary skills to improve rational medicines use. It will be of value to members of Pharmacy and Therapeutics Committees, MPH students and staff working in pharmacy and health departments in South Africa and other African countries. The module builds on the one-week Rational Medicines Use Winter School short-course which will be held 29 June - 3 July 2015 (attendance recommended but not compulsory).

The 15-credit, online masters-level module (NQF9) may be taken as a single continuing education accredited module or as an elective module in the existing MPH programme at UWC. Additional online modules focusing on Pharmaceutical Public Health will be available in 2016.

Module Content

- Rational medicines use and problems associated with irrational medicine use;
- Medicines use problems using several quantitative methods such as, prescribing indicator studies, application of defined daily dose (DDD) and ABC, VEN and therapeutic category analyses;
- Qualitative methods to investigate prescribing behaviour and medicine use;
- Promotion of rational medicine use including educational, managerial, economic and regulatory interventions;
- Medicines Use Evaluation (MUE) and its application to programmes;
- Essential Medicines Concept and the development of Standard Treatment Guidelines (STGs) and Essential Medicines Lists (EMLs) using evidence-based decision making principles;
- Infection Control and Antimicrobial Resistance (AMR) concepts with respect to global and local situations and multifaceted strategies required to contain AMR;
- Pharmacy and Therapeutics Committees (PTCs) and stewardship of RMU;
- Development of a plan for a defined medicine use problem to quantify, investigate and intervene, with evaluation.

Method of Teaching and Assessment: Students will be provided with all materials in an electronic format over the web and by electronic storage media. Key reading materials will be provided. There will be short weekly tasks, several web-based discussion forums and two written assignments. **Official language:** English

Admission requirements: Honours-level degree (NQF8), or equivalent, in a relevant discipline.

Module facilitators

Dr Hazel Bradley (School of Public Health (SOPH), UWC) (Module Convenor)
Prof Richard Laing (Boston University School of Public Health, USA & SOPH, UWC)
Mrs Nondumiso Ncube (SOPH, UWC)
Dr Renier Coetzee (School of Pharmacy, UWC)
Mr Percy Daames (Systems for Improved Access to Pharmaceuticals and Services (SIAPS))
Ms Jacqueline Jooste (SIAPS)

Module Cost: R8 000 (South African citizens) and US\$1,300 (Other)

[Note: RMU Short-course Winter School fees waived for registered RMU Online Module participants]

For Application details contact:

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Applications close: 7 June 2015

Late applications for Rational Medicines Use and Medicines Supply Management one-week Winter School Short Courses in June/July 2015 are still open see SOPH website:

<http://www.uwc.ac.za/Faculties/CHS/soph/Announcements/Pages/Late-applications-for-Rational-Medicines-Use-and-Medicines-Supply-Management-2015-Winter-School-Short-Courses-still-open.aspx>