

University of Pretoria Yearbook 2017

Radiography 185 (RAW 185)

Qualification Undergraduate

Faculty [Faculty of Health Sciences](#)

Module credits 48.00

Programmes [BRad Diagnostics](#)

Contact time 1 lecture per week, 1 seminar per week, 4 discussion classes per week

Language of tuition Module is presented in English

Academic organisation Radiography

Period of presentation Year

Module content

- (a) Introduction to radiography. Concepts of ethics, profession and professionalism. Professional standards in radiography. Communication skills: interpersonal and scientific. Radiation protection concepts and equipment. Principles of infection control. Radiographic procedures and positioning principles. Care of the patient. Pathological condition. Related imaging modalities.
- (b) Patients with special problems. Handling of paediatric patients and geriatric patients.
- (c) Radiographic examinations: thorax, abdomen, extremities, hip, pelvis, spine and skull. Theoretical and practical instruction is used to integrate basic sciences and clinical radiography. Procedural considerations and positioning techniques. Selection of technique factors. Radiation protection. Pathological conditions and film evaluation. Problem-solving. Execution of radiographic examinations and procedures. Trauma.

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