

University of Pretoria Yearbook 2024

Diagnostic radiography 100 (DIR 100)

Qualification	Undergraduate
Faculty	Faculty of Health Sciences
Module credits	15.00
NQF Level	05
Programmes	Bachelor of Radiography in Diagnostics [BRad in Diagnostics]
Prerequisites	No prerequisites.
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Radiography
Period of presentation	Year

Module content

Introduction to radiography.

Fundamental ethical principles; consent and history taking in radiography. Professional roles, responsibilities and codes of conduct. Introduction to communication: interpersonal and scientific. Team work. Reflective processes. Introduction to legislation and the professional bodies related to Radiography practice (national and international).

Care of the patient. Principles of infection control. Pathological conditions. Overview of imaging modalities and procedures. Radiation personnel monitoring – requirements, methods of monitoring, record keeping, responsibility of radiation protection officers. Practical radiation protection- facility design; safety accessory equipment; safety devices.

- Respecting the human rights of vulnerable patient groups.
- Basic patient positioning and immobilisation for radiographic examinations. Radiographic examinations: thorax, abdomen, extremities, hip, pelvis, spine and skull. Theoretical and practical instruction is used to integrate basic Science and clinical radiography. Procedural considerations and positioning techniques. Selection of technique factors. Radiation protection. Pathological conditions and image evaluation. Problem-solving. Execution of radiographic examinations and procedures. Trauma.

Introduction to research in health care science – research process.

General Academic Regulations and Student Rules

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that

they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations. The G Regulations are updated annually and may be amended after the publication of this information.

Regulations, degree requirements and information

The faculty regulations, information on and requirements for the degrees published here are subject to change and may be amended after the publication of this information.

University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.