

# University of Pretoria Yearbook 2024

## Radiography 371 (RAD 371)

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| <b>Qualification</b>          | Undergraduate  |
| <b>Faculty</b>                | <a href="#">Faculty of Health Sciences</a>                             |
| <b>Module credits</b>         | 20.00  |
| <b>NQF Level</b>              | 07   |
| <b>Prerequisites</b>          | ODO 271, OFC 271, RAD 271, PDL 271, ORD 271, GAP 271, VKM 271, TBW 271 |
| <b>Contact time</b>           | 1 lecture per week, 2 practicals per week                              |
| <b>Language of tuition</b>    | Module is presented in English   |
| <b>Department</b>             | Oral and Maxillofacial Pathology                                       |
| <b>Period of presentation</b> | Year   |

### Module content

This module is aimed at providing the oral hygiene student with the necessary skills, attitude and relevant knowledge by studying the following aspects in radiation physics relevant to dentistry:

- Electromagnetic waves – their properties and behaviour
- X-rays – their specific properties, sources of X-rays and production of X-rays
- Construction of the X-ray tube
- Accurate image formation
- Interaction of photons with living tissues
- Radiation biology
- Radiation protection
- ALARA principle
- Quality control measures

This module furthermore entails practical work in the Radiology section.

### 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.