

University of Pretoria Yearbook 2021

Multimodality imaging 400 (MMI 400)

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| Qualification | Undergraduate |
| Faculty | Faculty of Health Sciences |
| Module credits | 24.00 |
| NQF Level | 08 |
| Programmes | BRad in Diagnostics |
| Prerequisites | RPH 300 |
| Contact time | 1 discussion class per week, 1 lecture per week, 1 seminar per week |
| Language of tuition | Module is presented in English |
| Department | Radiography |
| Period of presentation | Year |

Module content

Application of multimodality imaging in Oncological diseases- staging, therapy monitoring and individual risk assessment, and image guided intervention. Neurological diseases. Patient management models in multimodality imaging. Radiographic pathology; Image interpretation of multimodality imaging i.e. CT Scan; MRI; PET/CT; PET/MRI; PET/Mammography; Ultrasonography; Radiation Therapy delivery accuracy verification with Image Guided systems. Technical aspects of management of multimodality imaging systems. Quality assurance in multimodality imaging.

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