

University of Pretoria Yearbook 2020

Multimodality imaging 400 (MMI 400)

Qualification Undergraduate

Faculty [Faculty of Health Sciences](#)

Module credits 20.00

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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