



# Universiteit van Pretoria Jaarboek 2017

## Kerngeneeskunde 701 (KDE 701)

<b>Kwalifikasie</b>	Nagraads
<b>Fakulteit</b>	<a href="#">Fakulteit Gesondheidswetenskappe</a>
<b>Modulekrediete</b>	25.00
<b>Programme</b>	<a href="#">BRadHons Kerngeneeskunde</a>
<b>Voorvereistes</b>	Geen voorvereistes.
<b>Kontaktyd</b>	1 besprekingsklas per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Radiografie
<b>Aanbiedingstydperk</b>	Jaar

### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

Module consists of two sections to integrate with theoretical knowledge gained in TKG 710 (Theory of nuclear medicine). Clinical practice to operationalise and integrate the fundamental theoretical components. Choice of examination, patient positioning, field of view, orientation, routine views, static and dynamic imaging, SPECT imaging, modified views, acquisition and processing of data, correct labelling of data, patient care. Quality control. Pattern recognition and interpretation of procedures. Problems and pitfalls. Hot laboratory rules, regulations, skills, calculations. Cold laboratory equipment and procedures. Application of radiation safety. Advanced imaging and processing techniques. Procedures involving the use of emerging technologies and radiopharmaceuticals. Paediatric nuclear medicine diagnostic imaging. Management and administration of therapeutic radiopharmaceuticals. Radiation safety aspects. Comprehensive quality assurance and unit management. Establishing nuclear medicine services. Advanced concepts, current quality management theory, accreditation, and audit documentation. Basic principles and practices necessary for effective supervision and leadership in a healthcare environment. Principles and practices in human resource management in healthcare settings.

Die inligting wat hier verskyn, is onderhewig aan verandering en kan na die publikasie van hierdie inligting gewysig word.. Die [Algemene Regulasies \(G Regulasies\)](#) is op alle fakulteite van die Universiteit van Pretoria van toepassing. Dit word vereis dat elke student volkome vertrouwd met hierdie regulasies sowel as met die inligting vervat in die [Algemene Reëls](#) sal wees. Onkunde betreffende hierdie regulasies en reëls sal nie as 'n verskoning by oortreding daarvan aangebied kan word nie.