



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

JIT
JuniorTukkie

Career focus

2023 study year

Faculty of Health Sciences

Bachelor of Radiography (Diagnostics) (B Rad Diagnostics)

Sixty (60) first-year students are selected annually.

- Only first-choice applicants are considered.
- Conditional selection is based on the final Grade 11 results of the two categories (Open and Designated Group) as indicated under Important faculty-specific information on undergraduate programmes for 2023 in the faculty brochure at www.up.ac.za/programmes > Undergraduate > Faculty brochures..

Candidates must also comply with the minimum admission requirements provided in the table below and candidates must maintain their Grade 11 averages (in terms of which they were conditionally selected) in the final school examination and ensure that the APS does not drop by more than two points.

Enquiries: healthapplications@up.ac.za

What does the programme entail?



- The B Rad Diagnostics programme requires four years of full-time study, followed by one year of compulsory community service.
- Clinical tuition takes place in the radiology departments at Steve Biko Academic Hospital, Kalafong Provincial Tertiary Academic Hospital, Pretoria West District Hospital, Mamelodi Regional Hospital, Tshwane District Hospital, and some private radiological practices. Students are allocated to these centres to gain the compulsory clinical experience needed to conduct various radiographic examinations and procedures competently.
- Students will be expected to practice on public holidays and after hours on a rotational basis.

Career opportunities



- Radiographers, managerial posts, or establish private practices.
- Should you pursue postgraduate studies, you could consider a career in academia or research. For career progression in each category, there are opportunities to undertake master's and doctoral studies.

Who is the ideal candidate?



The personal characteristics of a radiographer include the genuine desire to help sick and injured patients. Self-discipline, accuracy and responsibility will assist the radiographer in dealing with any situation.

The ideal candidate must have the following characteristics:

- Good moral character
- Good interpersonal skills
- Able to make quick and responsible decisions
- Critical thinking (problem-solving) skills
- Pays attention to detail (remains focused)
- Demonstrates initiative
- Works well under stress
- Can accept and use constructive criticism

Postgraduate studies



Should you pursue postgraduate studies, you could consider a career in academia or research. For career progression in each category, there are opportunities to undertake master's and doctoral studies.

Categories of radiography offered at the University of Pretoria:

Diagnostic radiography honours: Diagnostic radiography honours is an in-depth study of some specialised aspects of radiography.

Radiotherapy: Radiotherapy entails the use of high-energy radiation in the treatment of benign and malignant tumours.

Nuclear medicine: Nuclear medicine entails the administration of a radiopharmaceutical substance to a patient to demonstrate the anatomy and functioning of organs and the physiology of certain diseases.

Diagnostic ultrasound at honours level: Diagnostic ultrasound contributes to the early diagnosis and possible treatment of clinical conditions that affect different categories of patients

What makes this programme unique?

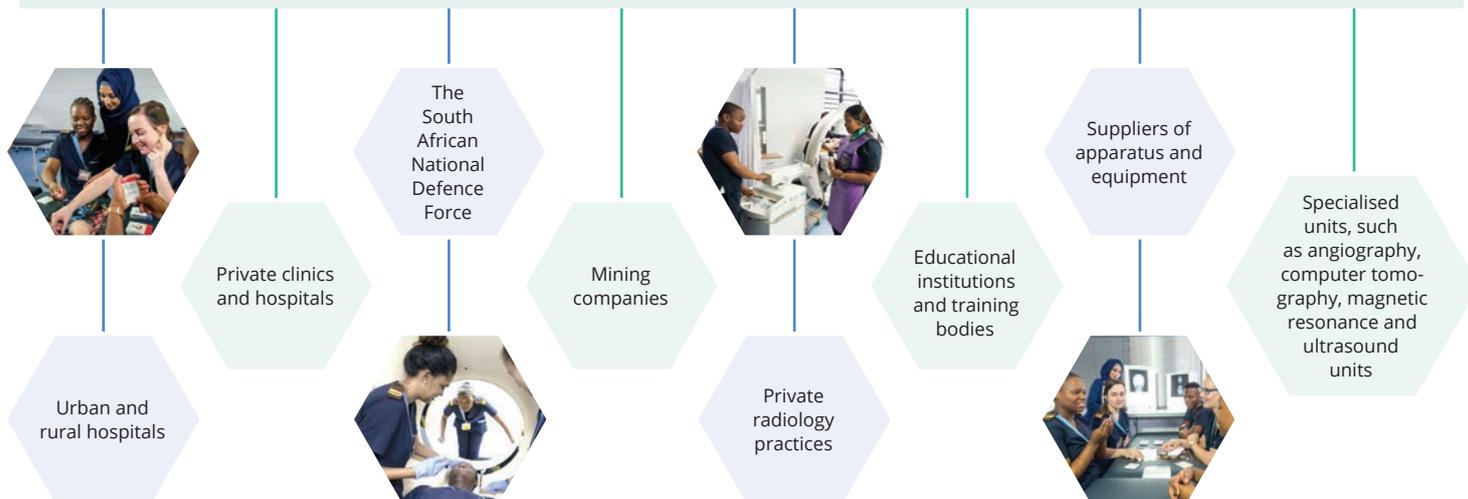


- Radiography is a healthcare science occupation dealing with medical diagnostic images.
- It is one of the rapidly growing occupations in modern healthcare.
- The degree involves learning about professional, technical and clinical aspects of radiography.
- Students follow an academic and work-integrated learning programme.
- Students rotate at different provincial hospitals and private practices to gain the compulsory clinical training.
- The programme meets the national legislative requirements of DHET, CHE and SAQA approval of the 502-credit qualification (NQF Level 08).

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Which companies employ our graduates?

Radiographers in all categories may also occupy managerial posts or establish their private practices. Should you pursue postgraduate studies, you could consider a career in academia or research. For career progression in each category, there are opportunities to undertake masters and doctoral studies. The following organisations may employ qualified diagnostic radiographers:



‘I have always known that my purpose in life is to help people; I just didn’t know how. I found out about the Bachelor of Radiography (Diagnostics) degree when I was in Grade 12, during a career day at my high school. I later did some research on it, and it captured my heart.

I am now in my final year, and wow—what a journey it has been! I have learnt and grown so much. It wasn’t easy in the beginning. During my first clinical placement, I was exposed to the hospital environment and worked directly with patients with a unique story to tell. Now my clinical placements are the part I enjoy most of this programme because I get to practice my purpose and passion.

The Bachelor of Radiography (Diagnostics) degree will make you emotionally strong. It requires you to work with your hands, handle complicated machinery and function well in a team. With whatever path you choose, I advise that you do your research first, but ultimately, if you want to be happy, follow your heart.’
Neo Mojela – Bachelor of Radiography (Diagnostics) (BRad Diagnostics)

Minimum admission requirements for NSC/IEB

Programme	Minimum requirements for NSC and IEB for 2023			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
Bachelor of Radiography (Diagnostics) (BRad Diagnostics) [4 years] Closing date: 30 June	4	4	4	30

For advice on a second-choice programme, please consult a Student Advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates’ final Grade 11 examination results.

Careers: Radiographers, academics and researchers

Minimum admission requirements for qualifications other than the NSC/IEB

For qualifications not indicated in the table below, refer to the conversion table in the brochure:

2023 Undergraduate programme information - Qualifications other than the National Senior Certificate (NSC) and Independent Examination Board (IEB) at www.up.ac.za/programmes > Undergraduate > Admission information

Programme	Minimum requirements for 2023									
	Achievement level									
	Compulsory subjects	IGCSE/ LGCSE/ BGCSE/ SGCSE/ GCSE/ NSSC OL/ O Level = Gr 11*	AS Level	IB SL	IB HL	HIGCSE/ NSSC HL	KOMBI ABITUR	CGCE UCE NECO WAEC ZIMSEC O Level = Gr 11*	CGCE UACE WAEC ZIMSEC A Level	KCSE
Bachelor of Radiography (Diagnostics) (BRad Diagnostics) Will only be considered as a first study choice.	English	D	D	2	2	3	50-59%	D	E	B
	Mathematics	D	D	2	2	3	50-59%	D	E	B
	Physics	D	D	2	2	3	50-59%	D	E	B
	Chemistry	D	D	2	2	3	50-59%	D	E	B

* This level cannot be used for final admission alone. The compulsory subject requirements as indicated in the above table must be on A Level and/or AS Level for final admission before registration. Provisional selection is based on six IGCSE subjects. Final admission is based on two IGCSE and four A Level or AS Level subjects. The compulsory subjects as indicated in the above table, must be on A Level or AS Level.