
University of Pretoria Yearbook 2016

PGDip General Ultrasound (10220096)

Duration of study 2 years

Contact Dr HM Swanepoel hester.swanepoel@up.ac.za +27 (0)129972438

Admission requirements

Prospective students must be in possession of an MBChB degree. All candidates must be registered as a medical doctor with the Health Professions Council of South Africa. Due to limited resources a selection procedure might need to be applied.

Other programme-specific information

Select one of the following at the end of the first semester:

- Cardiac ultrasound
- Obstetrics
- General
- Vascular

Examinations and pass requirements

- Students must obtain a minimum mark of 50% in all the practical assessments and assignments assigned every semester.
- A practical examination (ULT 751) will take place at the end of the two-year programme.
- The final written examination (ULT 750) takes the form of a portfolio of the continuous written assessments completed during each module.
- A minimum final mark of 50% is required in both the portfolio and the practical examination to pass.

Pass with distinction

An average of at least 75% in all modules is required to obtain the diploma with distinction.

Curriculum: Year 1

Minimum credits: 60

Core modules

Applied ultrasound imaging of the body 710 (ULT 710)

Module credits	4.00
Prerequisites	No prerequisites.
Contact time	2 web-based periods per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 1

Applied ultrasound physics 711 (ULT 711)

Module credits	2.00
Prerequisites	No prerequisites.
Contact time	2 web-based periods per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 1

Applied ultrasound pathology 712 (ULT 712)

Module credits	4.00
Prerequisites	No prerequisites.
Contact time	2 web-based periods per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 1

Basic abdominal ultrasound 713 (ULT 713)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	20 practicals per week, 2 web-based periods per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 1

Basic pelvic ultrasound 720 (ULT 720)

Module credits	14.00
Prerequisites	No prerequisites.
Contact time	20 practicals per week, 2 web-based periods per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective modules

Ultrasound of small body parts 721 (ULT 721)

Module credits	14.00
Prerequisites	No prerequisites.
Contact time	2 web-based periods per week, 10 practicals per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective module: Obstetrics ultrasound 723 (ULT 723)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	1 web-based period per week, 10 practicals per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective module: General ultrasound 724 (ULT 724)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	1 web-based period per week, 10 practicals per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective module: Vascular ultrasound 725 (ULT 725)

Module credits	12.00
Prerequisites	No prerequisites.



Contact time	10 practicals per week, 1 web-based period per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective module: Cardiac ultrasound 722 (ULT 722)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	10 practicals per week, 1 web-based period per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Curriculum: Final year

Minimum credits: 60

Core modules

Abdominal ultrasound 730 (ULT 730)

Module credits	14.00
Prerequisites	No prerequisites.
Contact time	2 web-based periods per week, 40 practicals per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 1

Obstetric ultrasound 731 (ULT 731)

Module credits	14.00
Prerequisites	No prerequisites.
Contact time	10 practicals per week, 1 web-based period per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 1

Pelvic ultrasound 740 (ULT 740)

Module credits	8.00
Prerequisites	No prerequisites.
Contact time	1 web-based period per week, 10 practicals per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective modules

Elective module: Cardiac ultrasound 732 (ULT 732)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	10 practicals per week, 1 web-based period per week
Language of tuition	English
Academic organisation	Radiology



Period of presentation	Semester 1
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Elective module: Obstetrics ultrasound 733 (ULT 733)

Module credits	12.00
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Prerequisites	No prerequisites.
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Contact time	1 web-based period per week, 10 practicals per week
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Language of tuition	English
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Academic organisation	Radiology
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Period of presentation	Semester 1
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Elective module: General ultrasound 734 (ULT 734)

Module credits	12.00
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Prerequisites	No prerequisites.
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Contact time	1 web-based period per week, 10 practicals per week
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Language of tuition	English
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Academic organisation	Radiology
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Period of presentation	Semester 1
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Elective module: Vascular ultrasound 735 (ULT 735)

Module credits	12.00
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Prerequisites	No prerequisites.
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Contact time	1 web-based period per week, 10 practicals per week
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Language of tuition	English
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Academic organisation	Radiology
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Period of presentation	Semester 1
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Elective module: Cardiac ultrasound 742 (ULT 742)

Module credits	12.00
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Prerequisites	No prerequisites.
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Contact time	1 web-based period per week, 10 practicals per week
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Language of tuition	English
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Academic organisation	Radiology
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Period of presentation	Semester 2
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Elective module: Obstetrics ultrasound 743 (ULT 743)

Module credits	12.00
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Prerequisites	No prerequisites.
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Contact time	1 web-based period per week, 10 practicals per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective module: General ultrasound 744 (ULT 744)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	10 practicals per week, 1 web-based period per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Elective module: Vascular ultrasound 745 (ULT 745)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	1 web-based period per week, 10 practicals per week
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Final written examination 750 (ULT 750)

Module credits	1.00
Prerequisites	One of ULT 722, ULT 723, ULT 724, ULT 725 as well as one of ULT732, ULT733, ULT734, ULT735, and one of ULT742, ULT743, ULT744, ULT745 as well as ULT730, ULT731, ULT740
Language of tuition	English
Academic organisation	Radiology
Period of presentation	Semester 2

Module content

A portfolio of the continuous written assessments completed during each module for the PGDipGUS

Practical examination 751 (ULT 751)

Module credits	1.00
Prerequisites	One of ULT 722, ULT 723, ULT 724, ULT 725 as well as one of ULT732, ULT733, ULT734, ULT735, and one of ULT742, ULT743, ULT744, ULT745 as well as ULT730, ULT731, ULT740

Language of tuition English

Academic organisation Radiology

Period of presentation Semester 2

Module content

Clinical cases representative of all modules and elective.

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