

University of Pretoria Yearbook 2023

PhD (Information Technology) (12264010)

Department Computer Science, Informatics

Minimum duration of study 2 years

Total credits 360

NQF level 10

Programme information

Unless the Dean, on the recommendation of the chairperson of the school, decides otherwise, the PhD degree is conferred on the basis of a thesis and an examination on the thesis.

Admission requirements

1. Master's degree in Information Technology **or** master's degree in Information Systems **or** master's degree in Computer Science **or** master's degree in Information Science **or** relevant master's degree deemed applicable by the departmental Postgraduate Committee
2. Minimum cumulative weighted average of at least 65% for all the modules
3. Minimum of 65% for the mini-dissertation or the dissertation

Note: Additional modules may be required in order to reach the desired level of competency

Research information

Refer also to G50.

The number of articles that have to be submitted to an accredited journal(s) on submission of a doctoral thesis should be a minimum of two. Departments may, however, require a higher number, as specified in their postgraduate brochures or departmental websites. At the latest, just before the department submits the final result of a thesis to the Dean, a student should submit proof of submission of articles issued by an accredited journal(s), to the head of the relevant department, for his/her recommendation to the Dean. The submitted articles should be based on the research that the student has conducted for the thesis and should have been approved by the supervisor. The affiliations of both the student and supervisor should be listed as the University of Pretoria.

General information

University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications

Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

Curriculum: Year 1

Additional information:

Please note that all students register for SIT 990 at registration. As soon as a supervisor has been assigned to a student, the student is moved to the module code which has been assigned to the corresponding department as set out below.

- SIT 990: Thesis: Information technology 990 (Department of Informatics)
- SIT 991: Thesis: Information technology 991 (Department of Information Science specialising in Information Science)
- SIT 992: Thesis: Information technology 992 (Department of Computer Science)
- SIT 993: Thesis: Information technology 993 (Department of Information Science specialising in Multimedia)

Core modules

Thesis: Information technology 990 (SIT 990)

Module credits	360.00
NQF Level	10
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Year

Module content

Please note: All PhD students first register for SIT 990. As soon as a supervisor has been assigned the student will be moved to the assigned module of the corresponding department. Informatics students will remain registered for SIT 990.

Thesis: Information technology 991 (SIT 991)

Module credits	360.00
NQF Level	10
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Year

Module content

Please note: Only for the Department of Information Science students, specialising in Information Science.

Thesis: Information technology 992 (SIT 992)

Module credits	360.00
NQF Level	10
Language of tuition	Module is presented in English

Department	Computer Science
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Period of presentation	Year
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Module content

Please note: Only for Department of Computer Science students.

Thesis: Information technology 993 (SIT 993)

Module credits	360.00
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NQF Level	10
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Language of tuition	Module is presented in English
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Department	School of Information Technology
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Period of presentation	Year
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Module content

Please note: Only for the Department of Information Science students, specialising in Multimedia.

Curriculum: Final year

Additional information:

Please note that all students register for SIT 990 at registration. As soon as a supervisor has been assigned to a student, the student is moved to the module code which has been assigned to the corresponding department as set out below.

- SIT 990: Thesis: Information technology 990 (Department of Informatics)
- SIT 991: Thesis: Information technology 991 (Department of Information Science specialising in Information Science)
- SIT 992: Thesis: Information technology 992 (Department of Computer Science)
- SIT 993: Thesis: Information technology 993 (Department of Information Science specialising in Multimedia)

Core modules

Thesis: Information technology 990 (SIT 990)

Module credits	360.00
NQF Level	10
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Year

Module content

Please note: All PhD students first register for SIT 990. As soon as a supervisor has been assigned the student will be moved to the assigned module of the corresponding department. Informatics students will remain registered for SIT 990.

Thesis: Information technology 991 (SIT 991)

Module credits	360.00
NQF Level	10
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Year

Module content

Please note: Only for the Department of Information Science students, specialising in Information Science.

Thesis: Information technology 992 (SIT 992)

Module credits	360.00
NQF Level	10
Language of tuition	Module is presented in English

Department Computer Science

Period of presentation Year

Module content

Please note: Only for Department of Computer Science students.

Thesis: Information technology 993 (SIT 993)

Module credits 360.00

NQF Level 10

Language of tuition Module is presented in English

Department School of Information Technology

Period of presentation Year

Module content

Please note: Only for the Department of Information Science students, specialising in Multimedia.

Regulations and rules

The regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.

University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.