University of Pretoria Yearbook 2022

PGDip (Digital Innovation) (07220031)

Department	Informatics
Minimum duration of study	1 year
Total credits	120
NQF level	08

Programme information

The duration of the programme is 12 months. The programme is presented by means of contact sessions and online delivery.

Not all postgraduate programmes are offered every year. Please consult the relevant faculty's student administration concerning the presentation of this programme.

Admission requirements

1. Relevant bachelor’s degree
2. Weighted average of at least 60% at final-year level

Additional requirements

1. The Dean has the right of authorisation regarding matters not provided for in the General Academic Regulations or Faculty Regulations.
2. Only selected candidates will be allowed to register for a Postgraduate Diploma.
3. The department concerned reserves the right not to present a programme during a specific period or to limit the number of candidates admitted.
4. The presentation of the programme is subject to the admission of a minimum number of candidates.

Examinations and pass requirements

An examination is written in each of the modules and a minimum of 50% should be obtained in each of the modules to pass.

There are no supplementary examinations in this programme.

In calculating marks, General Academic Regulation G26 applies.

Subject to the provisions of G26, a head of a department determines, in consultation with the Dean when the examinations for the Postgraduate Diploma in his/her department will take place, provided that:

1. examinations for the Postgraduate Diploma which do not take place before the end of the academic year, must take place no later than 18 January of the following year, and all examination results must be submitted

to the Student Administration by 25 January; and
2. examinations for the Postgraduate Diploma which do not take place before the end of the first semester, may take place no later than 15 July, and all examination results must be submitted to the Student Administration on or before 18 July.

- examinations for the Postgraduate Diploma which do not take place before the end of the academic year, must take place before the closing date of the special exam period in the beginning of the following academic year, and all examination results must be submitted to Student Administration before the closing date of submission of marks; and
- examinations for the Postgraduate Diploma which do not take place before the end of the first semester may take place no later than the closing date of the exam period, and all examination results must be submitted to Student Administration on or before the closing date of submission of marks.

Subject to the provisions of G26, the subminimum required in subdivisions of modules is published in the study guides, which are available from the head of department concerned.

Pass with distinction

The Postgraduate Diploma is conferred with distinction if an average of at least 75% for all the modules is obtained.

Curriculum: Final year

Minimum credits: 120

Core modules

Capita selecta (Disruptive technologies) 700 (INF 700)

Module credits	15.00
NQF Level	08
Contact time	1 lecture per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 1 or Semester 2

Module content

In this module students will be introduced to disruptive technologies. The module will include topics such as the nature and unique characteristics of disruptive technologies, the identification of disruptors and the impact thereof on existing business models, as well as mechanisms to harness the opportunities and mediate the risks provided by disruptive technologies.

Research report 702 (INF 702)

Module credits	30.00
NQF Level	08
Prerequisites	No prerequistes.
Contact time	1 lecture per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Year

Module content

A research paper on a topic from the field of Informatics.

Human computer interaction 703 (INF 703)

Module credits	15.00
NQF Level	08
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 1 or Semester 2

Module content

Dramatic advances in technology have revolutionized the way that people interact with computers. This course focuses on the design and evaluation of user interfaces. Discussions will include both traditional computer systems and web-based systems.

Management of ICT projects 705 (INF 705)

Module credits	15.00
NQF Level	08
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 1 or Semester 2

Module content

Main emphasis will be on IS project management using a case study to get practical experience in project management.

Management of information systems 706 (INF 706)

Module credits	15.00
NQF Level	08
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 1 or Semester 2

Module content

Business process management, ERP systems, IT trends.

Special topic 707 (INF 707)

Module credits	15.00
NQF Level	08
Prerequisites	No prerequisites.
Contact time	1 other contact session per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 1 or Semester 2

Module content

This module will be used to present special, relevant topics within the expertise of the department.

Information communication 700 (INY 700)

Module credits	15.00
NQF Level	08
Service modules	Faculty of Economic and Management Sciences
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Semester 1 or Semester 2

Module content

Informed by the participatory approach to communication this module reflects in depth on methods for the effective communication of information. In order to achieve this, the nature on information within the context on Information Science will be investigated. Thereafter, communication media will be identified and discussed and students will learn how to create a target audience profile to determine the appropriate media and content for the dissemination of information. Information and communication technologies (ICTs) and the communication of information will be investigated along with literacy and media literacy. The communication of information will form a central focus of this module. Therefore the role of traditional, interpersonal, as well as modern media will be addressed. The processes of creating meaningful and effective messages for the communication of information as well as intercultural communication will also be addressed.

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.