Universiteit van Pretoria Jaarboek 2018

PGDip Digitale Innovasie (07220031)

Minimum duur van studie	1 jaar
Totale krediete	120
Kontak	Prof MC Matthee machdel.matthee@up.ac.za +27 (0)124203365

Programinligting

*Hierdie inligting is slegs in Engels beskikbaar.

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 concerning the presentation of this programme.

Toelatingsvereistes

i. Subject to the provisions of the General Regulations, the following is required for admission:

- A relevant bachelor's degree and/or appropriate prior learning approved by the Head of the Department of Informatics;
- Basic computer literacy is a requirement;
- Access to the Internet;
- At least 60% average for the modules of the final year of the bachelor’s degree.

ii. The candidates are selected, subject to the provisions of General Regulation G.1.3.

iii. The Head of Department may set additional admission requirements. Only selected candidates will be allowed to register for the Postgraduate Diploma – Digital Innovations. The Faculty of Economic and Management Sciences reserves the right not to present the programme during a specific period or to limit the number of candidates admitted.

Addisionele vereistes

1. The Dean has the right of authorisation regarding matters not provided for in the General 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.

Eksamens en slaagvereistes

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 Regulation G12.2 applies.
Subject to the provisions of General Regulation G.26, 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.

- whether a candidate will be admitted to a supplementary examination, provided that a supplementary examination is granted, only once in a maximum of two prescribed semester modules or once in one year module;
- supplementary examinations (if granted) cover the same subject matter as was the case for the examinations; **NB**: For the purpose of this provision, the phrase "not sit for an examination more than twice in the same subject" as it appears in General Regulation G.18.2, implies that a candidate may not be admitted to an examination in a module, including a supplementary examination, more than three times.
- the manner in which research reports are prepared and examined in his department. **NB**: Full details are published in each department's postgraduate information brochure, which is available from the head of department concerned. The minimum pass mark for a research report is 50%. The provisions regarding pass requirements for dissertations contained in General Regulation G.12.2 apply mutatis mutandis to research reports.

Subject to the provisions of General Regulation G.12.2.1.3, the subminimum required in subdivisions of modules is published in the study guides, which are available from the head of department concerned.

Slaag met lof

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

Kurrikulum: Finale jaar

Minimum krediete: 120

Kies van die volgende keusemodules:

MTZ 700

OF

PUB 730 en PUB 731

OF

TMY 700 en TMY 701

OF

EFK 700

Kernmodules

Capita selecta (Ontwrigtende tegnologie) 700 (INF 700)

Modulekrediete	15.00
Kontaktyd	1 lesing per week, 1 webgebaseerde periode per week
Onderrigtaal	Module word in Engels aangebied
Departement	Informatika
Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

*Hierdie inligting is slegs in Engels beskikbaar.

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.

Navorsingsmetodologie 701 (INF 701)

Modulekrediete	15.00
Voorvereistes	Geen voorvereistes.
Kontaktyd	1 lesing per week, 1 webgebaseerde periode per week
Onderrigtaal	Module word in Engels aangebied
Departement	Informatika
Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

*Hierdie inligting is slegs in Engels beskikbaar.

This module explains the different approaches that can be used for research in Informatics and gives practical advice with respect to carrying out limited research projects. It also assists students in selecting suitable research topics and writing research proposals in preparation for the research paper, which they will write in INF 702.

Navorsingsverslag 702 (INF 702)

Modulekrediete	30.00
Voorvereistes	Geen voorvereistes.
Kontaktyd	1 lesing per week, 1 webgebaseerde periode per week
Onderrigtaal	Module word in Engels aangebied
Departement	Informatika
Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

'n Navorsingsverslag in die veld van Informatika.

Mens-rekenaarinteraksie 703 (INF 703)

Modulekrediete	15.00
Voorvereistes	Geen voorvereistes.
Kontaktyd	1 webgebaseerde periode per week, 1 lesing per week
Onderrigtaal	Module word in Engels aangebied
Departement	Informatika
Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

*Hierdie inligting is slegs in Engels beskikbaar.

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.

Elektroniese handel 704 (INF 704)

Modulekrediete	15.00
Voorvereistes	Geen voorvereistes.
Kontaktyd	1 lesing per week, 1 webgebaseerde periode per week
Onderrigtaal	Module word in Engels aangebied
Departement	Informatika

Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

*Hierdie inligting is slegs in Engels beskikbaar.

The analysis of the management, innovation and information systems aspects of the use of e-business technology and strategies.

Bestuur van projekte en eindgebruikers 705 (INF 705)

Modulekrediete	15.00
Voorvereistes	Geen voorvereistes
Kontaktyd	1 webgebaseerde periode per week, 1 lesing per week
Onderrigtaal	Module word in Engels aangebied
Departement	Informatika
Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

*Hierdie inligting is slegs in Engels beskikbaar.

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

Inligtingskommunikasie 700 (INY 700)

Modulekrediete	15.00
Diensmodules	Fakulteit Ekonomiese en Bestuurswetenskappe
Kontaktyd	1 lesing per week
Onderrigtaal	Module word in Engels aangebied
Departement	Inligtingkunde
Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

*Hierdie module word slegs in Engels aangebied.

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.

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 vertroud met hierdie regulasies sowel as met die inligting vervat in die Algemene Reëls sal wees. Onkunde betrefffende hierdie regulasies en reels sal nie as 'n verskoning by oortreding daarvan aangebied kan word nie.