



# Universiteit van Pretoria Jaarboek 2017

## BComHons Informatika (07240173)

**Duur van studie** 1 jaar

**Totale krediete** 120

### Programinligting

Hierdie inligting is slegs in Engels beskikbaar.

### Ander programspesifieke inligting

**NB:** The department reserves the right not to present a module if the particular expertise is not available in the department in that year.

### Eksamens en slaagvereistes

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 honours examinations in his/her department will take place, provided that:
  - i. honours examinations 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
  - ii. honours examinations 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 is available from the head of department concerned.



## Kurrikulum: Finale jaar

Minimum krediete: 120

### Kernmodules

#### Navorsingsmetodologie 714 (INF 714)

**Modulekrediete** 15.00

**Voorvereistes** Geen voorvereistes.

**Kontaktyd** 1 webgebaseerde periode per week, 1 lesing per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Informatika

**Aanbiedingstydperk** Semester 1 of Semester 2

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

This compulsory module explains 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 780.

#### Navorsingsverslag 780 (INF 780)

**Modulekrediete** 30.00

**Voorvereistes** INF 714

**Kontaktyd** 1 ander kontak per week, 1 webgebaseerde periode per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Informatika

**Aanbiedingstydperk** Semester 1

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

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

### Keusemodules

#### Elektroniese handel 782 (INF 782)

**Modulekrediete** 15.00

**Voorvereistes** Geen voorvereistes.

**Kontaktyd** 1 lesing per week

**Onderrigtaal** Module word in Engels aangebied



**Akademiese organisasie** 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.

## Kennisverkryging en -deling 791 (INF 791)

**Modulekrediete** 15.00

**Voorvereistes** Geen voorvereistes.

**Kontaktyd** 1 lesing per week, 2 webgebaseerde periodes per week, 1 praktiese sessies per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Informatika

**Aanbiedingstydperk** Semester 1 of Semester 2

### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

In this information age a lot of data is captured every day and recorded in databases, but the wealth of this data is kept locked in the databases because relatively little mining is performed on this data. This module introduces you to data mining in terms of:

- The data mining process - how do you mine data?
- The data mining techniques - an overview of the data mining techniques that can be used;
- Practical data mining experience - a practical project mining real industry data to find unknown patterns; and
- Product overviews - product demonstrations by data mining vendors.

## Capita selecta 790 (INF 790)

**Modulekrediete** 15.00

**Voorvereistes** Geen voorvereistes.

**Kontaktyd** 1 lesing per week, 1 webgebaseerde periode per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Informatika

**Aanbiedingstydperk** Semester 1 of Semester 2

### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

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

## Capita selecta 716 (INF 716)

**Modulekrediete** 15.00



<b>Voorvereistes</b>	Geen voorvereistes.
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Informatika
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

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

### Ondernemingsargitektuur 715 (INF 715)

<b>Modulekrediete</b>	15.00
<b>Voorvereistes</b>	INF 788
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Informatika
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

Enterprise Architecture (EA) involves comprehensive business frameworks that capture the complexity of modern organisations, providing a blue-print for co-ordinating and integrating all components of an organisation. The module will illustrate all the aspects of EA, discuss the need for EA as well as various frameworks, methods and techniques of EA.

### Gevorderde databasisstelsels 785 (INF 785)

<b>Modulekrediete</b>	15.00
<b>Voorvereistes</b>	Geen voorvereistes.
<b>Kontaktyd</b>	1 lesing per week, 1 webgebaseerde periode per week, 1 ander kontak per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Informatika
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

- Advanced database design
- Advanced database management
- Database architectures and languages
- Data warehousing and data marts
- Current trends



## Projek- en eindgebruikerbestuur 787 (INF 787)

<b>Modulekrediete</b>	15.00
<b>Voorvereistes</b>	Geen voorvereistes.
<b>Kontaktyd</b>	1 webgebaseerde periode per week, 1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Informatika
<b>Aanbiedingstydperk</b>	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.

## Ontwikkeling van inligtingstelsels 788 (INF 788)

<b>Modulekrediete</b>	15.00
<b>Voorvereistes</b>	Geen voorvereistes.
<b>Kontaktyd</b>	1 webgebaseerde periode per week, 1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Informatika
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2

### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

Study and evaluation of different systems development methodologies.

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 vertrouwd met hierdie regulasies sowel as met die inligting vervat in die [Algemene Reëls](#) sal wees. Onkunde betreffende hierdie regulasies en reëls sal nie as 'n verskoning by oortreding daarvan aangebied kan word nie.