

# University of Pretoria Yearbook 2020

## BCom Informatics Information Systems (07130173)

**Minimum duration of study** 3 years

**Total credits** 412

**NQF level** 07

### Programme information

Informatics studies the application and use of the computer and information systems within the organisation. Our students' strength lies in their broad background of the economic and management sciences, which implies that the world of business is nothing sinister to them. The use of information technology by organisations is growing exponentially and new, more complex and challenging applications are explored and developed on a daily basis. It has the benefit that, in addition to the work of informatics specialists being extremely interesting, there will only be a very small chance that they will ever be without work.

The Informatics specialist has the knowledge to analyse the information needs of organisations, be that businesses, government departments, non-profit organisations or any other group where information is crucial. They not only analyse the needs but then address those needs by designing and implementing information systems. Information systems nowadays refer to computer-based systems (including mobile applications) which store and manipulate data such that people can understand, use, interpret and make decisions based on the information.

The BCom (Informatics) programme at UP is the only degree in South Africa that is internationally accredited by the Accreditation Board for Engineering and Technology (ABET) of the USA.

### Admission requirements

- The following persons will be considered for admission: candidates who are in possession of a certificate that is deemed by the University to be equivalent to the required Grade 12 certificate with university endorsement; candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and candidates who are graduates of another faculty at the University of Pretoria.
- Life Orientation is excluded when calculating the APS.

#### Minimum requirements

##### Achievement level

##### English Home Language or English First Additional Language

|         |          |         |          |
|---------|----------|---------|----------|
| NSC/IEB | AS Level | NSC/IEB | AS Level |
| 5       | C        | 4       | D        |

##### APS

**30**

\* Cambridge A level candidates who obtained at least a D in the required subjects, will be considered for admission. International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

## Other programme-specific information

### Please note:

- Elective modules can only be taken if they can be accommodated in the class, test and examination timetables. At year-level two students select two 14-week modules or the equivalent (at least 32 credits) of the same subject and continue with this subject on year-level three by selecting two 14-week modules or the equivalent (at least 40 credits).

## Promotion to next study year

*According to General Regulation G.3 students have to comply with certain requirements as set by the Faculty Board.*

- a. A student must pass at least 4 core semester or 2 core year modules to be admitted to the subsequent year of study.
- b. If a student has passed less than the required minimum of 4 core semester or 2 core year modules, he/she will not be readmitted to the Faculty of Economic and Management Sciences. Such a student may apply in writing to the Faculty's Admissions Committee to be readmitted conditionally – with the proviso that the Admissions Committee may set further conditions with regards to the student's academic progress. The Faculty's Admissions Committee may deny a student's application for readmission.
- c. If a student has been readmitted conditionally, his/her academic progress will be monitored after the first semester examinations to determine whether he/she has complied with the requirements set by the Admissions Committee. If not, his/her studies will be suspended.
- d. A student whose studies have been suspended because of his/her poor academic performance has the right to appeal against the decision of the Faculty's Admissions Committee.
- e. A student may be refused promotion to a subsequent year of study if the prescribed tuition fees are not paid.
- f. A student may be refused admission to the examination, or promotion to a subsequent year of study or promotion in a module (if applicable) if he/ she fails to fulfil the attendance requirements. Class attendance in all modules and for the full duration of all programmes is compulsory for all students.

## Pass with distinction

- a. A degree may be awarded with distinction provided the candidate meets the following criteria:
  - i. Completes the degree within three years;
  - ii. Obtains a Cumulative Grade Point Average (CGPA) of 75%;
  - iii. Repeated passed modules will not be considered. The initial pass mark of module will be used when calculating the GPA.
- b. A degree will only be awarded with distinction to transferees from other degrees in the Faculty of Economic and Management Sciences, other faculties and from other universities who still complete their bachelor degrees within three years (including the years registered for the other degree and credits transferred and recognised).
- c. The GPA will be not be rounded up to a whole number.
- d. Exceptional cases will be considered by the Dean.



---

## Curriculum: Year 1

**Minimum credits: 163**

### Core modules

- Academic information management 111 (AIM 111) - Credits: 4.00
- Academic information management 121 (AIM 121) - Credits: 4.00
- Academic literacy for Information Technology 121 (ALL 121) - Credits: 6.00
- Economics 110 (EKN 110) - Credits: 10.00
- Economics 120 (EKN 120) - Credits: 10.00
- Financial accounting 111 (FRK 111) - Credits: 10.00
- Financial accounting 121 (FRK 121) - Credits: 12.00
- Financial accounting 122 (FRK 122) - Credits: 12.00
- Informatics 112 (INF 112) - Credits: 10.00
- Information systems 113 (INF 113) - Credits: 10.00
- Informatics 154 (INF 154) - Credits: 10.00
- Informatics 164 (INF 164) - Credits: 10.00
- Informatics 171 (INF 171) - Credits: 20.00
- Informatics 183 (INF 183) - Credits: 3.00
- Business management 114 (OBS 114) - Credits: 10.00
- Business management 124 (OBS 124) - Credits: 10.00
- Statistics 110 (STK 110) - Credits: 13.00
- Statistics 113 (STK 113) - Credits: 11.00
- Statistics 120 (STK 120) - Credits: 13.00
- Statistics 123 (STK 123) - Credits: 12.00
- Academic orientation 107 (UPO 107) - Credits: 0.00

### Elective modules

- Marketing management 120 (BEM 120) - Credits: 10.00



## Curriculum: Year 2

**Minimum credits: 150**

### Fundamental modules

[Introduction to moral and political philosophy 251 \(FIL 251\)](#) - Credits: 10.00

### Core modules

[Business law 210 \(BER 210\)](#) - Credits: 16.00

[Business law 220 \(BER 220\)](#) - Credits: 16.00

[Informatics 214 \(INF 214\)](#) - Credits: 14.00

[Informatics 225 \(INF 225\)](#) - Credits: 14.00

[Informatics 261 \(INF 261\)](#) - Credits: 7.00

[Informatics 271 \(INF 271\)](#) - Credits: 14.00

[Informatics 272 \(INF 272\)](#) - Credits: 14.00

[Community-based project 201 \(JCP 201\)](#) - Credits: 8.00

[Communication management 284 \(KOB 284\)](#) - Credits: 5.00

### Elective modules

[Taxation 200 \(BEL 200\)](#) - Credits: 32.00

[Consumer behaviour 212 \(BEM 212\)](#) - Credits: 16.00

[Integrated brand communications 224 \(BEM 224\)](#) - Credits: 16.00

[Financial management 212 \(FBS 212\)](#) - Credits: 16.00

[Financial management 222 \(FBS 222\)](#) - Credits: 16.00

[Financial accounting 211 \(FRK 211\)](#) - Credits: 16.00

[Financial accounting 221 \(FRK 221\)](#) - Credits: 16.00

[Internal auditing 211 \(IOK 211\)](#) - Credits: 16.00

[Internal auditing 221 \(IOK 221\)](#) - Credits: 16.00

[Business management 210 \(OBS 210\)](#) - Credits: 16.00

[Business management 220 \(OBS 220\)](#) - Credits: 16.00

[Statistics 210 \(STK 210\)](#) - Credits: 20.00

[Statistics 220 \(STK 220\)](#) - Credits: 20.00



---

## Curriculum: Final year

**Minimum credits: 120**

### Core modules

Informatics 315 (INF 315) - Credits: 15.00

Informatics 324 (INF 324) - Credits: 15.00

Informatics 354 (INF 354) - Credits: 15.00

Informatics 370 (INF 370) - Credits: 35.00

### Elective modules

Taxation 300 (BEL 300) - Credits: 40.00

Marketing research 314 (BEM 314) - Credits: 20.00

Marketing management 321 (BEM 321) - Credits: 20.00

Financial accounting 311 (FRK 311) - Credits: 20.00

Financial accounting 321 (FRK 321) - Credits: 20.00

Internal auditing 311 (IOK 311) - Credits: 20.00

Internal auditing 321 (IOK 321) - Credits: 20.00

Business management 310 (OBS 310) - Credits: 20.00

Business management 320 (OBS 320) - Credits: 20.00

Statistics 310 (STK 310) - Credits: 25.00

Statistics 320 (STK 320) - Credits: 25.00

---

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.