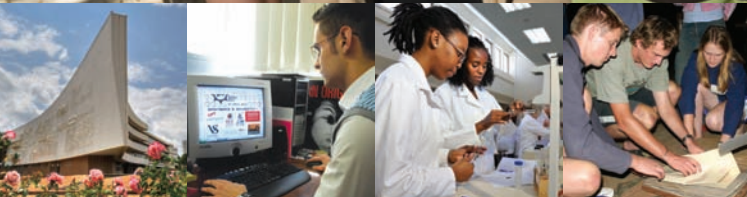


University of Pretoria Four-year Programmes



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

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2012

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The Four-year Programmes have lower entrance requirements and are designed for students who are not academically prepared, but who are willing to work hard to succeed and obtain their degree. The programmes include an additional year of study which will enhance students' basic knowledge and skills before progressing onto more specialist studies in the later years of the programmes. Furthermore, students who embark on this programme have much greater opportunity to succeed in their studies, as it provides dedicated support to students who need assistance to bridge the gap between school and higher education.

In 2008, the Faculty of Natural and Agricultural Sciences implemented the BSc Four-year Programme. This Programme is very successful with students excelling in their studies. Currently many of the students completed the first phase of 18 months and progressed to the final years of their studies. As from 2012, the Four-year Programmes will expand to give students who are interested in a career in Information Technology, Computer Science, Multimedia as well as Commerce, but do not meet the normal admission requirements, an opportunity to further their studies.

Features of the Four-year Programmes

- The programmes have two phases. During the first phase, which lasts 18 months (3 semesters), students are trained and developed academically and psychologically for further studies. They then continue their studies in the second phase where they join students in the normal three-year mainstream degree programmes.

During the first phase the academic content is delivered at a slower pace than the normal programmes so that students have more time to engage with the subject content and develop a thorough understanding of the material. During the three semesters of phase 1 the pace will be increased gradually. By the time students have completed the first phase they should be able to work at the normal speed required of university students.

- Additional modules help students to cope at university by focusing on the use of language in specific disciplines and study skills. Extra support is also given through career guidance and counselling.
- Most of the teaching and learning takes place in smaller groups. This allows individual attention and gives ample opportunity for questions and discussion.
- In addition to small classes, students also attend lectures in large groups where the teaching style is more formal. This is excellent preparation for the second phase of the programmes.
- A variety of methods is used to deliver subject content to remedy possible gaps in school knowledge. The programmes focus on understanding and develop critical thinking skills as well as the practical skills needed to continue with the subject.

- Progress is assessed continuously. Throughout the year students have to meet certain levels of academic performance. Failing to do so will mean that students are not allowed to continue in the programmes.
- The programmes are only offered in English. The programmes support the development of language skills in English.

Are the programmes easy?

No. This is a university course and not simply a repetition of school work. Students will not be re-writing grade 12. At the end of each semester students write university examinations and receive university credits when they pass. The programme is demanding and students will be in class from early morning until late afternoon.

Which Four-year Programmes are offered?

- BSc Four-year Programmes

There are three streams:

- Mathematical Sciences
- Biological and Agricultural* Sciences
- Physical Sciences

* Take note that the Agricultural Sciences Programme is five years in length.

Students who wish to study Health Sciences and Veterinary Science should apply for the Biological stream of the BSc Four-year Programme. During the first year of the BSc Four-year Programme students may apply to the Faculty of Health Sciences. This Faculty admits students based on their performance in the first year of the programme. If accepted by the Faculty of Health Sciences the student leaves the programme at the end of the first year (after two semesters). Access to Health Sciences is not guaranteed as the numbers are limited.

During the third semester of the BSc Four-year Programme, students may apply to the Faculty of Veterinary Science. Access to the BVSc is not guaranteed as numbers are limited.

Students who wish to study engineering should apply for the Physical Science stream of the BSc Extended Programme. During the first year of the BSc Four-year Programme, students may apply to the Faculty of Engineering, Built Environment and Information Technology. This Faculty admits students based on their performance in the first year of the programme. If accepted by the Faculty of Engineering, Built Environment and Information Technology, the student leaves the programme at the end of the first year (after two semesters). Access to engineering is not guaranteed as numbers are limited.

- BSc (IT) Four-year Programme

This is the ideal degree for students who are interested in either BSc (IT) Information and Knowledge Systems or BSc (Computer Science).

- BIS (specialising in Multimedia) Four-year Programme

This is the ideal degree for students who wish to integrate technology, art, design, language and music.

- BCom Four-year Programme

This is the ideal degree for students who are interested in studying towards BCom degrees in management or financial sciences. Students must apply during October of their first year to transfer to the Faculty of Economic and Management Sciences (Hatfield campus). Placement in BCom Accounting Sciences and BCom Investment Management cannot be guaranteed as these are selection programmes where numbers are limited.

Where will I attend classes?

Students admitted to the Four-year Programmes will be placed at the Mamelodi Campus in the first year of study, and then transferred to the Hatfield Campus after the successful completion of their first year.

How many credits will I get after completing the first 18 months?

After successfully completing the first 18 months of the programme, students obtain credits equivalent to semester 1 of a three-year degree programme.

Admission Requirements:

- BSc Four-year Programme

Mathematical Sciences stream:

- National Senior Certificate (NSC) with admission for degree purposes.
- An Admission Points Score (APS) of at least 22
- Mathematics: level 4 or better
- Two languages, one has to be English or Afrikaans: level 4
- Life Orientation: level 4 (Excluded when calculating the APS)
- Three other subjects
- Institutional Proficiency test (National Benchmark Test - NBT)

Biological & Agricultural Sciences or Physical Sciences streams

- National Senior Certificate (NSC) with admission for degree purposes
- An Admission Points Score (APS) of at least 25
- Mathematics: level 4 or level 3 only if a level 4 was obtained for Physical Sciences.
- Physical Science: level 4 or level 3 only if a level 4 was obtained for Mathematics.
- Two languages, one has to be English or Afrikaans: level 4



- Life Orientation: level 4 (Excluded when calculating the APS)
- Two other subjects: level 4
- Institutional Proficiency test (National Benchmark Test - NBT)

- BSc (IT) Four-year Programme

- National Senior Certificate (NSC) with admission for degree purposes
- An Admission Points Score (APS) of at least 25
- Mathematics
- Two languages, of which one has to be English or Afrikaans: level 4
- Life Orientation: level 4 (Excluded when calculating the APS)
- Institutional Proficiency test (National Benchmark Test - NBT)

- BIS (Multimedia) Four-year Programme

- National Senior Certificate (NSC) with admission for degree purposes
- An Admission Points Score (APS) of at least 25
- Mathematics: level 3
- Two languages, of which one has to be English or Afrikaans: level 4
- Life Orientation: level 4 (excluded when calculating the APS)
- Institutional Proficiency test (National Benchmark Test - NBT)

- BCom Four-year Programme

- National Senior Certificate (NSC) with admission to degree studies
- An Admission Points Score (APS) of at least 26
- Mathematics: level 3
- Two languages, of which one has to be English or Afrikaans: level 4
- Life Orientation: level 4 (excluded when calculating the APS)
- Institutional Proficiency test (National Benchmark Test - NBT)

All prospective students must write the NBT. Students are advised to write the test between July and October. Please visit our website for information on registration procedures for the NBT at: www.nbt.ac.za.

Will all applicants meeting the requirements to the Four-year Programmes be placed?

No. There is a limited number of places. The Four-year Programmes' placement is based on the final Grade 12 results combined with the NBT results.

What about accommodation and bursaries?

Students may apply for residence accommodation or find their own private accommodation close to the Mamelodi Campus of the University of Pretoria. Note that there is a high demand for residence accommodation and you will probably be placed on a long waiting list. There is accommodation close to the Mamelodi Campus in the Tuks Naledi Residence situated in the Savannah Estate next to the N4 highway.

Financial assistance ranging from full scholarships to partial bursaries is available for the first year of study (2 semesters). The awarding of bursaries and the amount depends on the financial status of the family of the student.

How and when do I apply?

Prospective students are advised to apply as soon as possible at the Client Service Centre at the University of Pretoria. The closing date for applications is 30 November.

Contact details:

BSc Four-year Programme

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BCom Four-year Programme

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BSc IT Four-year Programme

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