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# BCom Statistics and Data Science

- [University of Pretoria](#)
- [Study at UP](#)
- BCom Statistics and Data Science

Statistics can be described as the science of extracting information from data. We use statistics every day to make sense of the world around us: from the friend suggestions offered by Facebook to the way Apple Music recommends new music for you. Statistics is a vital part of modern life and business. Knowledge gained in the BCom (Statistics and Data Science) programme can increase the scope of possible jobs you could consider in practically any industry.

The skills needed and the personality traits of a statistician:

- Strong numerical skills
- Interest in computers and computer programming
- Logical reasoning ability
- Interest in planning and analysing problems
- Good language and communication skills
- Strong problem-solving skills
- Inquisitive mind
- Innovative
- Team player
- Critical thinking skills
- Agile mind
- Adaptable

## Accreditations/Certifications:

Undergraduate and honours students in Statistics and Mathematical Statistics can obtain Statistical Analysis Software (SAS) certification. SAS is an international statistical software developer ([www.sas.com](http://www.sas.com)).

SAS offers four certificates to students:

- Introduction to statistical learning
- Statistical learning
- Introduction to big data analytics
- Big data analytics

For more information visit [www.up.ac.za/ststatistics](http://www.up.ac.za/ststatistics)



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## Career Opportunities

Data scientists, statistical analysts in several industries, researchers, consultants and lecturers

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## Programme Code

07130263

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## Closing Dates

Applications for this plan have closed.

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## Admission Requirements

### Important information for all prospective students for 2023

The admission requirements below apply to all who apply for admission to the University of Pretoria with a **National Senior Certificate (NSC) and Independent Examination Board (IEB) qualifications**. [Click here](#) for this Faculty Brochure.

#### Minimum requirements

##### Achievement level

**English Home Language or  
English First Additional  
Language**

**Mathematics**

**APS**

NSC/IEB  
5

NSC/IEB  
5

**32**

Life Orientation is excluded when calculating the APS.

You will be considered for final admission to degree studies if space allows, and if you have a National Senior Certificate (NSC) or equivalent qualification with admission to bachelor's degree studies, and comply with the minimum subject requirements as well as the APS requirements of your chosen

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programme.

**Applicants with qualifications other than the abovementioned** should refer to the Brochure: Undergraduate Programme Information 2023: Qualifications other than the NSC and IEB, available at [click here](#).

International students: [Click here](#).

### **Transferring students**

A transferring student is a student who, at the time of applying at the University of Pretoria (UP) is/was a registered student at another tertiary institution. A transferring student will be considered for admission based on NSC or equivalent qualification and previous academic performance. Students who have been dismissed from other institutions due to poor academic performance will not be considered for admission to UP.

**Closing dates:** Same as above.

### **Returning students**

A returning student is a student who, at the time of application for a degree programme is/was a registered student at UP, and wants to transfer to another degree at UP. A returning student will be considered for admission based on NSC or equivalent qualification and previous academic performance.

#### **Note:**

- Students who have been excluded/dismissed from a faculty due to poor academic performance may be considered for admission to another programme at UP, as per faculty-specific requirements.
- Only ONE transfer between UP faculties and TWO transfers within a faculty will be allowed.
- Admission of returning students will always depend on the faculty concerned and the availability of space in the programmes for which they apply.

### **Closing date for applications from returning students**

Unless capacity allows for an extension of the closing date, applications from returning students must be submitted before the end of August via your UP Student Centre.

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### **Minimum duration of study**

3 years, full-time

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## Faculty Notes

All modules will only be presented in English, as English is the language of tuition, communication and correspondence at the University of Pretoria.

Faculty Yearbooks: [click here](#).

The University of Pretoria has decided not to set a specific closing date for applications to non-selection programmes for 2023. Applications will close when the available study spaces are filled (**close on availability of space**). Once the available number of study places for a specific programme are filled, no further applications for that particular programme will be considered. All applicants are therefore strongly advised and encouraged to submit their applications as soon as possible after 1 April 2022 and to check the application site (UP Student Portal) regularly.

The Faculty of Economic and Management Sciences aspires to be at the cutting edge of economic, financial and management education, as well as research and community engagement within the national, African and global context. Our mission is to advance relevant knowledge and develop employable, innovative and diverse graduates to co-create value for society.

- **Disclaimer:** *This publication contains information about regulations and programmes of the University of Pretoria. Amendments to or updating of the information may be effected from time to time without prior notification. The accuracy, correctness or validity of the information contained here is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.*

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## Enquiries about the programme

[Click Here](#)

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**How to apply**

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# Online Application





Note: Also consult General Rules and Information on the Yearbook website for additional information.

Disclaimer: Due to the continuous restructuring of the Faculty and this website, some of the information displayed here may not fully reflect the most recent developments in the Faculty. Any discrepancies that are experienced may be taken up with Student Administration of the Faculty.