Stellenbosch UNIVERSITY IYUNIVESITHI UNIVERSITEIT

Science
EyeNzululwazi ngezeNdalo
Natuurwetenskappe

Bachelor of Data Science (BDatSci)

This interdisciplinary degree is offered in four faculties, namely Economic and Management Sciences, Science, AgriSciences, and Arts and Social Sciences. The faculty where a student is registered for the focal area will award the degree. The programme provides a thorough foundation in all aspects of the data life cycle, including data gathering, processing, analysis, mining, and visualisation.

Faculty of Science focal areas
- Applied Mathematics
- Statistical Physics
- Computer Science

Faculty of Economic and Management Sciences focal areas
- Analytics and Optimisation
- Behavioural Economics
- Statistical Learning

Faculty of AgriSciences focal area
- Statistical Genetics

Faculty of Arts and Social Sciences focal area
- Geoinformatics

NB: Please consult the Yearbook of each faculty for detailed information on subjects, modules and specific minimum admission requirements.

Do I qualify?

Minimum admission requirements

- A NSC aggregate of **80%** (excluding Life Orientation) and Mathematics **80%** plus one of the following:
- Afrikaans Home Language **60%** OR
- English Home Language **60%** OR
- Afrikaans First Additional Language **75%** OR
- English First Additional Language **75%**

Focal areas explained:

The objective of focal areas is to help you choose a specific career focus within the BDatSci programme. The focal area is not a programme, and certain module combinations are compulsory within each focal area. The module combinations within each focal area fit in with the lecture and assessment timetables, avoiding clashes.

Why study Data Science?

- With a degree in Data Science, graduates can put their skills to use to solve real-world problems in fields as diverse as genetics, logistics, healthcare, e-commerce, finance, government, or retail.
- Data Science graduates receive a solid foundation in key disciplines for the future that are in high demand across a variety of industries, such as Machine Learning and Artificial Intelligence, Data Mining, and Data Analysis.

Why study Data Science at Stellenbosch University?

Did you know?

- The degree is the only of its kind in South Africa.
- The programme offers a diverse student cohort the opportunity to gain knowledge of foundational modules in core disciplines such as statistics, computer science, and mathematics, while being exposed to new technologies and concepts in the field of data science.
- With a solid foundation in data science, students can choose a focal area within a data-rich environment, enabling them to obtain the necessary domain knowledge in their chosen field.

What can I do with a degree in Data Science?

- Application Analyst
- Applications Architect
- Applications Developer
- Business Analyst
- Business Intelligence Developer
- Cyber Security Analyst
- Data Analyst
- Database Administrator
- Data Scientist
- Games Developer
- Machine Learning Engineer
- Quantitative Analyst
- Statistician
- Supply Chain Analyst

Contact details

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Contact our recruitment officer

Qaqamba Mhlauli
qmhlauli@sun.ac.za or science@sun.ac.za

Deadline for applications: 31 July

General selection and application criteria

https://www.sun.ac.za/english/maties