

DPHIL IN APPLIED DATA SCIENCE



UNIVERSITY
OF
JOHANNESBURG

CENTRE FOR APPLIED
DATA SCIENCE



The Future
Reimagined

DPHIL IN APPLIED DATA SCIENCE

General

Thank you for your interest in the DPhil in Applied Data Science at the University of Johannesburg. This document will provide a detailed overview of the programme.

Composition of the Programme

The programme is offered on a full-time or part-time basis:

Full-time	Part-time
▪ Completed in 24 months	▪ Completed in 36 months

About this Qualification

The purpose of this qualification is to show through the doctoral thesis in which the qualification culminates, evidence of independent and original scientific work. The thesis would constitute a decided contribution to knowledge of and insight into the subject discipline as well as the field of research. Qualifying students would display applied competence in research methodology, and the proper written and/or oral communication in the research process and findings. The student should be able to reflect on his/her research decisions and applications to assess the effect thereof in the holistic context of research in the application of data science.

Prerequisite modular seminars

The prerequisite seminars will determine if the student progresses into the full programme. These prerequisite seminars are important preparation modules that introduce our postgraduate students to the fundamentals of applied data science and the research areas that the Centre is focused on. The seminars are designed in a modular and immersive manner into Python Programming and the Mathematics and Statistics foundations of data science. The emphasis is on linking the science fundamentals to the research and / or real-life applications. The centre currently limits the research areas according to the expertise of supervision.

Entrance Requirements

Student access will be provided to the student who is in possession of any relevant information systems, information technology or informatics master's degree on NQF level 9 with a 65% average.

The Dean of the College of Business and Economics may refuse a student admission to the doctoral qualification if he/she is of the opinion that the student's academic background is insufficient for the proposed studies.

- The Departmental Higher Degrees Committee reserves the right to assess application appeals and provide guidance pertaining to the matter.
- Applications must be supported with a CV and proposal. Information about potential supervisors and research topics are available at <https://www.uj.ac.za/faculties/college-of-business-and-economics/schools/school-of-consumer-intelligence-and-information-systems/centre-for-applied-data-science/research-2/>

Application Process

Firstly, an online application MUST be made via the UJ website at <https://www.uj.ac.za/admissions-aid/>. Once applied, please send confirmation of the application to Mr Steven Mbeya at smbeya@uj.ac.za. When this is completed, the candidate ALSO needs to submit a **COMPLETE** e-mail application to Mr Steven Mbeya. If **BOTH** applications are not submitted, the application of the candidate will not be considered for further processing by the Centre. **The application procedure document, the five page proposal writing framework and the proposal writing format document are available on the website of the Centre for Applied Data Science (CADS) at www.uj.ac.za/cads or can be requested at smbeya@uj.ac.za**

FAQS

- 1. If I am working full-time, will I be able to complete the programme on a full-time basis?*
We don't recommend students who are working full-time to register on a full-time basis.
- 2. My marks are below the 65% required but I do have work experience. Is this experience taken into consideration?*
Work experience is taken into consideration to some extent but doesn't guarantee a place on the programme.

3. *How much are the fees?*

The fees are adjusted annually and cannot be confirmed by the Department, but Student Finances will be able to confirm - 011 559 3935.

4. *My company wants to pay for my fees. Can you give me a quote?*

Please contact the College of Business Economics on 011 559 3875 or you can contact Student Finances directly on 011 559 3935.

For any queries contact: Mr Steven Mbeya | **Office:** C Ring 610

Tel: +27 (0) 11 559 3621 | **Email:** smbeya@uj.ac.za

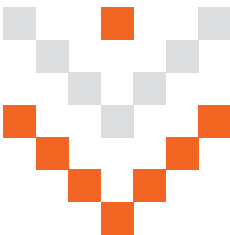
Ready to apply?

Apply online now! Visit the UJ homepage www.uj.ac.za and click on Admissions + Aid to apply.

Online applications only.

Cost: Visit the UJ Student Finance page www.uj.ac.za/studyatUJ/Student-finance for any queries.

Bursaries / Funding: Visit www.uj.ac.za/studyatUJ/Student-finance to view all bursary and funding opportunities.



College of Business and Economics

School of Consumer Intelligence and Information Systems (SCiIS)

Centre for Applied Data Science

www.uj.ac.za/sciis | www.uj.ac.za/cads