



BScHons Mathematics and Mathematics Education Differential Equations and Modelling

- [University of Pretoria](#)
- [Study at UP](#)
- BScHons Mathematics and Mathematics Education Differential Equations and Modelling

Programme Code

02240185

Closing Dates

- **SA** - 31/10/2021
 - **Non-SA** - 31/10/2021
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Admission Requirements

1. BSc (Mathematics) **or** BSc (Applied Mathematics) **or** relevant bachelor's degree
 2. A weighted average of at least 60% for all mathematics and applied mathematics modules at final-year level
 3. Passed at least four of the following subjects/modules (or equivalent) at final-year level:
 - Partial differential equations
 - Dynamical systems (ordinary differential equations)
 - Real analysis
 - Complex analysis
 - Numerical analysis
 - Continuum mechanics
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Selection Process

A candidate's complete academic record will be considered in the selection procedure

Duration of study

1 year, full-time.

Faculty Notes

The Faculty of Natural and Agricultural Sciences is home to more than 6 500 undergraduate and postgraduate students. The Faculty presents degrees in fields ranging from the proverbial A to Z – from actuaries to zoologists, and consists of 13 departments.

All degree programmes are designed to develop problem-solving individuals who can easily adapt to changing circumstances and take the lead in their chosen fields of specialisation. The qualifications awarded are of world-class and provide access to a multitude of career opportunities for dynamic and creative people. According to the latest Times Higher Education World University Rankings the University has achieved new world rankings in Physical Sciences, a discipline which features strongly in NAS and also maintains excellent positions on the ISI Web of Science (WOS) field rankings in Plant and Animal Sciences, Agricultural Sciences, and Environment and Ecology Sciences.

In the Faculty of Natural and Agricultural Sciences, we strive to continuously improve our high impact research and significantly address the national shortage of PhD graduates that respond to global and local challenges.

Enquiries about the programme

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How to apply



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.