

BSc *Entomology*

- [University of Pretoria](#)
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- BSc *Entomology*

The Bachelor of Science *Entomology* programme gives exciting insights into insect diversity, conservation, ecology and physiology. As a graduate you can help to protect our crops, livestock, human health and the environment. This programme is right for you if you want a career in forensics, environmental affairs, or plant, animal or public health.

All of our lecturers are leaders in their fields. They have strong ties to governments, local and international organisations, and industries. This unlocks employment and postgraduate opportunities.

Graduates find employment as researchers in biological control, environmental consultancies, museums, the South African Police Service, and public health research and policy institutes. You could even set up your own business in the growing industries of insect production for biological control, feed for animals or food for humans.

Entomologists work with farmers to protect our crops from pest insects. They study pollinators like bees so there are always fruit, vegetables and honey on supermarket shelves.

Entomologists help to reduce the number of biting or parasitic insects like mosquitoes. This keeps them from harming you, your pets and livestock.

Entomologists study how some insects benefit forests by aiding in decomposition and others harm forests by killing trees.

Entomologists advise pest management professionals on how to safely prevent and remove indoor pests such as cockroaches, bed bugs, flies, and ants.

For more information, please consult the Faculty webpage.

Career Opportunities

Graduates with expertise in entomology are highly sought after in the agricultural sector as insect management specialists or researchers. They are also employed at nature reserves, environmental

consultancies, conservation planning agencies, medical and veterinary research institutions, educational institutions and museums, organisations involved in the management of invasive species and pests, quarantine and inspection services, in the biochemical and biotechnology industries, in IT-related fields, and in the corporate sector. There are also opportunities to start your own business to farm insects that benefit humans such as biological control agents or pollinators like bees and flies, or can be used as feed for animals and food for humans.

Programme Code

02133401

Closing Dates

- **SA** - 31/08/2024
- **Non-SA** - 31/08/2024

Admission Requirements

Important information for all prospective students for 2025

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

NSC/IEB

5

Mathematics

NSC/IEB

5

Physical Sciences

NSC/IEB

5

APS

32

Life Orientation is excluded when calculating the APS.

Applicants currently in Grade 12 must apply with their final Grade 11 (or equivalent) results.

Applicants who have completed Grade 12 must apply with their final NSC or equivalent qualification results.

Please note that meeting the minimum academic requirements does not guarantee admission.

Successful candidates will be notified once admitted or conditionally admitted.

Unsuccessful candidates will be notified after 30 June.

Applicants should check their application status regularly on the UP Student Portal at [click here](#).

Applicants with qualifications other than the abovementioned should refer to the International undergraduate prospectus 2025: Applicants with a school leaving certificate not issued by Umalusi (South Africa), 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.

Minimum duration of study

3 years, full-time

Faculty Notes

All modules will only be presented in English, which is the University's official language of tuition, communication and correspondence.

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.

- **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](#)



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.