

# University of Pretoria Yearbook 2025

## Plants and society 161 (BOT 161)

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| <b>Qualification</b>  | Undergraduate   |
| <b>Faculty</b>        | Faculty of Natural and Agricultural Sciences  |
| <b>Module credits</b> | 8.00  |
| <b>NQF Level</b>      | 05  |
| <b>Programmes</b>     | BEd in Senior Phase and Further Education and Training Teaching<br>BSc in Computer Science<br>BSc in Information Technology in Information and Knowledge Systems<br>BSc in Biochemistry<br>BSc in Biotechnology<br>BSc in Chemistry<br>BSc in Chemistry 4-year programme<br>BSc in Ecology<br>BSc in Ecology 4-year programme<br>BSc in Entomology<br>BSc in Food Science<br>BSc in Genetics<br>BSc in Geography option Geography and Environmental Science<br>BSc in Human Genetics<br>BSc in Human Physiology<br>BSc in Human Physiology 4-year programme<br>BSc in Meteorology<br>BSc in Meteorology 4-year programme<br>BSc in Microbiology<br>BSc in Physics<br>BSc in Physics 4-year programme<br>BSc in Plant Science<br>BSc in Zoology<br>BScAgric in Agricultural Economics in Agribusiness Management |

[BScAgric in Animal Science](#)

[BScAgric in Applied Plant and Soil Sciences](#)

[BScAgric in Applied Plant and Soil Sciences 5-year programme](#)

[BScAgric in Plant Pathology](#)

[BScAgric in Plant Pathology 5-year programme](#)

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| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Education |
| <b>Prerequisites</b>          | MLB 111 GS   |
| <b>Contact time</b>           | 2 lectures per week, fortnightly practicals  |
| <b>Language of tuition</b>    | Module is presented in English   |
| <b>Department</b>             | Department of Plant and Soil Sciences  |
| <b>Period of presentation</b> | Semester 2   |

### Module content

Botanical principles of structure and function; diversity of plants; introductory plant systematics and evolution; role of plants in agriculture and food security; principles and applications of plant biotechnology; economical and valuable medicinal products derived from plants; basic principles of plant ecology and their application in conservation and biodiversity management.

This content aligns with the United Nation's Sustainable Development Goals of No Poverty, Good Health and Well-being, Climate Action, Responsible Consumption and Production, and Life on Land.

### General Academic Regulations and Student Rules

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations. The G Regulations are updated annually and may be amended after the publication of this information.

### Regulations, degree requirements and information

The faculty regulations, information on and requirements for the degrees published here are subject to change and may be amended after the publication of this information.

### University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher

Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.