



University of Pretoria Yearbook 2025

Mycology 261 (MBY 261)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	12.00
NQF Level	06
Programmes	<i>BSc Information and Knowledge Systems</i> <i>BSc (Geography) Geography and Environmental Science</i> <i>BSc Biochemistry</i> <i>BSc Biotechnology</i> <i>BSc Chemistry</i> <i>BSc Ecology</i> <i>BSc Entomology</i> <i>BSc Food Science</i> <i>BSc Genetics</i> <i>BSc Human Genetics</i> <i>BSc Human Physiology</i> <i>BSc Medical Sciences</i> <i>BSc Microbiology</i> <i>BSc Plant Science</i> <i>BSc specialising in Chemistry 4-year programme</i> <i>BSc specialising in Ecology 4-year programme</i> <i>BSc specialising in Human Physiology 4-year programme</i> <i>BSc Zoology</i> <i>BScAgric Plant Pathology</i> <i>BScAgric specialising in Plant Pathology 5-year programme</i>
Service modules	Faculty of Engineering, Built Environment and Information Technology
Prerequisites	MBY 161 GS
Contact time	2 lectures per week, Fortnightly practicals/tutorials
Language of tuition	Module is presented in English



Department Biochemistry, Genetics and Microbiology

Period of presentation Semester 2

Module content

Organisation and molecular architecture of fungal thalli, chemistry of the fungal cell. Chemical and physiological requirements for growth and nutrient acquisition. Mating and meiosis; spore development; spore dormancy, dispersal and germination. Fungi as saprobes in soil, air, plant, aquatic and marine ecosystems; role of fungi as decomposers and in the deterioration of materials; fungi as predators and parasites; mycoses, mycetisms and mycotoxicoses; fungi as symbionts of plants, insects and animals. Applications of fungi in biotechnology.

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.