



University of Pretoria Yearbook 2023

Microbe interactions 365 (MBY 365)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	18.00
NQF Level	07
Programmes	BSc (Biochemistry) BSc (Biotechnology) BSc (Genetics) BSc (Human Genetics) BSc (Human Physiology) BSc (Microbiology) BSc (Plant Science)
Prerequisites	MBY 251 and MBY 355 GS
Contact time	1 practical/tutorial per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Biochemistry, Genetics and Microbiology
Period of presentation	Semester 2

Module content

Interactions between microbes and their abiotic environment; microbial interaction with other strains of the same and other species; microbial interactions across kingdoms; pathogenic interactions between microbes and plant or animal hosts; mutualistic interactions between microbes and their hosts; introduction to systems biology.

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