University of Pretoria Yearbook 2018

Bacterial genetics 355 (MBY 355)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module content	DNA replication and replication control. DNA recombination. DNA damage and repair. Genetics of bacteriophages, plasmids and transposons. Bacterial gene expression control at the transcriptional, translational and post-translational levels. Global regulation and compartmentalisation.
Module credits	18.00
Programmes	BSc Biochemistry
	BSc Biotechnology
	BSc Genetics
	BSc Human Genetics
	BSc Human Physiology
	BSc Microbiology
	BSc Plant Science
Prerequisites	BCM 251, CMY 127, GTS 251, GTS 261 and MBY 251
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Microbiology and Plant Pathology
Period of presentation	Semester 1