



University of Pretoria Yearbook 2019

Virology 351 (MBY 351)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 18.00

Programmes [BSc Biochemistry](#)

[BSc Biotechnology](#)

[BSc Genetics](#)

[BSc Human Genetics](#)

[BSc Human Physiology](#)

[BSc Microbiology](#)

[BSc Plant Science](#)

[BScAgric Plant Pathology](#)

Prerequisites GTS 251 GS and MBY 161 or permission from the HOD.

Contact time 2 lectures per week, 1 practical/tutorial per week

Language of tuition Module is presented in English

Department Biochemistry, Genetics and Microbiology

Period of presentation Semester 1

Module content

Introduction to the viruses as a unique kingdom inclusive of their different hosts, especially bacteria, animals and plants; RNA and DNA viruses; viroids, tumour viruses and oncogenes, mechanisms of replication, transcription and protein synthesis; effect on hosts; viral immunology; evolution of viruses.

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