

University of Pretoria Yearbook 2018

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 BCM 251, CMY 127, GTS 251, GTS 261 and MBY 161

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

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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