



# University of Pretoria Yearbook 2018

## Bacterial genetics 355 (MBY 355)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module content</b>	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.
<b>Module credits</b>	18.00
<b>Programmes</b>	<a href="#">BSc Biochemistry</a> <a href="#">BSc Biotechnology</a> <a href="#">BSc Genetics</a> <a href="#">BSc Human Genetics</a> <a href="#">BSc Human Physiology</a> <a href="#">BSc Microbiology</a> <a href="#">BSc Plant Science</a>
<b>Prerequisites</b>	BCM 251, CMY 127, GTS 251, GTS 261 and MBY 251
<b>Contact time</b>	1 practical per week, 2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Microbiology and Plant Pathology
<b>Period of presentation</b>	Semester 1

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of each student to familiarise himself or herself well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.