

# University of Pretoria Yearbook 2019

## Microbe interactions 365 (MBY 365)

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| <b>Qualification</b>          | Undergraduate  |
| <b>Faculty</b>                | <a href="#">Faculty of Natural and Agricultural Sciences</a>   |
| <b>Module credits</b>         | 18.00  |
| <b>Programmes</b>             | <a href="#">BSc Biochemistry</a><br><a href="#">BSc Biotechnology</a><br><a href="#">BSc Genetics</a><br><a href="#">BSc Human Genetics</a><br><a href="#">BSc Human Physiology</a><br><a href="#">BSc Microbiology</a><br><a href="#">BSc Plant Science</a><br><a href="#">BScAgric Plant Pathology</a> |
| <b>Prerequisites</b>          | GTS 251, MBY 251, MBY 261 GS, MBY 262 GS, and MBY 355 GS or permission from the HOD.   |
| <b>Contact time</b>           | 1 practical/tutorial per week, 2 lectures per week   |
| <b>Language of tuition</b>    | Module is presented in English   |
| <b>Department</b>             | Biochemistry, Genetics and Microbiology  |
| <b>Period of presentation</b> | 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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