



# University of Pretoria Yearbook 2022

## Plant disease control 363 (PLG 363)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	18.00
<b>NQF Level</b>	07
<b>Programmes</b>	<a href="#">BSc (Biotechnology)</a> <a href="#">BSc (Genetics)</a> <a href="#">BSc (Plant Science)</a> <a href="#">BScAgric (Applied Plant and Soil Sciences)</a> <a href="#">BScAgric (Plant Pathology)</a>
<b>Prerequisites</b>	PLG 251 or PLG 262.
<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>	Department of Plant and Soil Sciences
<b>Period of presentation</b>	Semester 2

### Module content

Principles of plant disease control and how it resonates with the sustainable development goals. Non-chemical control including biological control, disease resistance, regulatory measures, cultivation practices, physical methods. Modern chemo-therapy: characteristics, mode of action and application of bioproducts, fungicides, bactericides and nematicides. Principles of integrated disease management. The module will also cover applicable South African legislation, the local crop protection industries and the procedure of registering new chemicals.

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