

# University of Pretoria Yearbook 2021

## Plant ecology 358 (BOT 358)

<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 Biochemistry</a> <a href="#">BSc Biotechnology</a> <a href="#">BSc Chemistry</a> <a href="#">BSc Ecology</a> <a href="#">BSc Entomology</a> <a href="#">BSc Genetics</a> <a href="#">BSc Geography and Environmental Science</a> <a href="#">BSc Microbiology</a> <a href="#">BSc Plant Science</a> <a href="#">BSc Zoology</a>
<b>Prerequisites</b>	BOT 161 and BOT 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>	Department of Plant and Soil Sciences
<b>Period of presentation</b>	Semester 1

### Module content

Theory of plant community concepts, floristic and structural composition, plant diversity, ecological succession, landscape ecology. Data processing techniques. Species interactions and an evaluation of their effects on interacting species. Fundamentals of plant population biology: life tables; plant breeding systems and pollination; population dynamics; life history strategies; intraspecific competition; interspecific competition and co-existence.

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