



University of Pretoria Yearbook 2018

Plant ecology 358 (BOT 358)

| | |
|-------------------------------|---|
| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 18.00 |
| Programmes | BSc Biochemistry BSc Biotechnology BSc Ecology BSc Environmental Sciences BSc Genetics BSc Microbiology BSc Plant Science |
| Prerequisites | BOT 161 and BOT 251 or permission from head of department |
| Contact time | 1 practical per week, 2 lectures per week |
| Language of tuition | Separate classes for Afrikaans and English |
| Department | Department of Plant and Soil Sciences |
| Period of presentation | 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.

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 students to familiarise themselves 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.