

# University of Pretoria Yearbook 2019

## Botany 220 (JPK 220)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Education</a>
<b>Module credits</b>	10.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week, 2 practicals per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Department</b>	Science Mathematics and Technology Education
<b>Period of presentation</b>	Semester 2

### Module content

Ecology  
Biodiversity. Principles of plant geography, biomes, floristic kingdoms of the world. Southern African flora: composition, relationship with other floras, endemism, Southern African biomes, garden plants, invaders. Ecology: ecosystem, energy flow, production, trophic levels, foodstuff cycles, dynamics, vegetation, human and ecology, pollution, relationships between organisms. Environmental factors: Abiotic component. – Soil, light, water, temperature, fire, wind. Biotic component. Nature conservation. Techniques.

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