

University of Pretoria Yearbook 2021

Botany 220 (JPK 220)

Qualification Undergraduate

Faculty [Faculty of Education](#)

Module credits 10.00

NQF Level 07

Prerequisites No prerequisites.

Contact time 2 lectures per week, 2 practicals per week

Language of tuition Module is presented in English

Department Science Mathematics and Technology Education

Period of presentation 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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