

University of Pretoria Yearbook 2020

Botany 220 (JPK 220)

Qualification	Undergraduate
Faculty	Faculty of Education
Module credits	10.00
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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