

University of Pretoria Yearbook 2016

Populations and communities: Spatial and temporal variability 872 (ZEN 872)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	30.00
Prerequisites	No prerequisites.
Contact time	4 discussion classes per week
Language of tuition	English
Academic organisation	Zoology and Entomology
Period of presentation	Year

Module content

Demography with emphasis on forces affecting population growth rate and regulation; competition and facilitation within and between populations; risk and risk assessment; temporal trends and extinction; management, harvesting and control with emphasis on illustrating principles using studies conducted in Africa. Structure, composition and function of communities with emphasis on factors affecting resilience, resistance and persistence; temporal variability with emphasis on the influences of foodwebs structure and environmental variability; spatial pattern analysis; species-abundance relations; species affinities; community classification.

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