

Universiteit van Pretoria Jaarboek 2018

Land reclamation and restoration ecology 791 (BOT 791)

Kwalifikasie	Nagraads
Fakulteit	Fakulteit Natuur- en Landbouwetenskappe
Modulekrediete	15.00
Diensmodules	Fakulteit Geesteswetenskappe
Voorvereistes	No prerequisites.
Kontaktyd	Block: 6 weke per semester, 3 besprekings per week
Onderrigtaal	Module word in Engels aangebied
Departement	Plant- en Grondwetenskappe
Aanbiedingstydperk	Semester 1

Module-inhoud

This module will provide students with the skills to use biophysical information and data obtained by undertaking a natural resource inventory. This will be supported by taught methods of critically evaluating data and information obtained through assessment methodologies and an understanding of sampling design (choosing reference sites, spatial replication) and monitoring methods (e.g. recording biomass vs vegetation cover vs species richness; aspects of seed biology etc.). Through the additional understanding of ecological and agricultural concepts (e.g. productivity, decomposition rate, carbon uptake, pollinator abundance, erosion protection, dust reduction) students will acquire the skills to provide reclamation and restoration solutions to land degradation challenges in South Africa.

A site visit or field trip during which students will get exposed to the realities of reclamation and restoration and apply their knowledge and skills will be a compulsory component of this module.

Die inligting wat hier verskyn, is onderhewig aan verandering en kan na die publikasie van hierdie inligting gewysig word.. Die [Algemene Regulasies \(G Regulasies\)](#) is op alle fakulteite van die Universiteit van Pretoria van toepassing. Dit word vereis dat elke student volkome vertrouwd met hierdie regulasies sowel as met die inligting vervat in die [Algemene Reëls](#) sal wees. Onkunde betreffende hierdie regulasies en reëls sal nie as 'n verskoning by oortreding daarvan aangebied kan word nie.