



University of Pretoria Yearbook 2019

Weed science 413 (OKW 413)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module content Identification of important weeds of crops, gardens and recreational areas. Identification of alien invasive and indigenous encroaching species. Impacts of weeds on desirable vegetation. Interference between crop and weed species through allelopathy and competition phenomena. Role of weeds in plant-biodiversity and crop production potential. Weeds in annual and perennial crop situations. Weed biology and ecology. Mechanical, cultural, biological and chemical weed management practices. Integrated weed management. Herbicide formulations and application techniques. Modes of action of herbicides, and their behaviour and fate in the environment.

Module credits 15.00

Programmes [BScAgric Applied Plant and Soil Sciences](#)

[BScAgric Plant Pathology](#)

Prerequisites PLG 251

Contact time fortnightly practicals, 2 lectures per week

Language of tuition Separate classes for Afrikaans and English

Department Department of Plant and Soil Sciences

Period of presentation Semester 2

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