

University of Pretoria Yearbook 2016

Advanced phytomedicine 761 (BOT 761)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	10.00
Programmes	BScHons Biotechnology BScHons Option: Medicinal Plant Science BScHons Plant Science
Prerequisites	No prerequisites.
Contact time	1 practical per week, 1 lecture per week
Language of tuition	English
Academic organisation	Plant and Soil Sciences
Period of presentation	Semester 2

Module content

Metabolism and functions of secondary compounds such as tannins, alkaloids, terpenoids, flavonoids and free amino acids. Importance of secondary compounds in the defence mechanisms of plants. Isolation and identification of medicinal bioactive compounds from plants. Their current scope and potential applications in ethnobotany. Strategies to discover new pharmaceuticals from ethnomedicine.

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