University of Pretoria Yearbook 2016

Research methods 774 (BCM 774)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	30.00
Programmes	BScHons Biochemistry
	BScHons Biotechnology
Prerequisites	Admission into BSc Hons Biochemistry, Biotechnology, Genetics, Microbiology, Bioinformatics or Human Physiology
Contact time	2 web-based periods per week, 2 practicals per week, 4 lectures per week
Language of tuition	English
Academic organisation	Biochemistry
Period of presentation	Year

Module content

Students are guided through the methodology of research planning and data handling, as well as science communication skills. They are offered hands-on experience in a range of advanced techniques employed in biochemistry, molecular technologies and biochemical analysis. Scientific writing and presentation skills required for research in biochemistry, are also addressed. Ethical and philosophical issues in the broader field of the Cellular and Molecular Sciences are also addressed. Several of these aspects will be presented collaboratively by the Department of Genetics and the Department of Microbiology and Plant Pathology.