



University of Pretoria Yearbook 2017

Molecular and cellular biology 721 (MLB 721)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module content	<p>Principles and applications of recombinant DNA, and other novel molecular and genomics technologies, to address questions in the biological sciences and/or biotechnology. Strong emphasis is placed on the principles of research planning, including identifying suitable research objectives, formulating a research strategy and understanding the relevance and feasibility of research. The module is assessed by means of a research project proposal, conceived and formulated by each student. The proposal must focus on the use of molecular technologies in addressing realistic questions in biology and/or biotechnology. There is also an oral defense of the project proposal.</p> <p>This module is jointly presented in the departments of Biochemistry, Genetics and Microbiology and Plant Pathology.</p>
Module credits	15.00
Programmes	BScHons Biochemistry BScHons Bioinformatics BScHons Biotechnology BScHons Genetics BScHons Microbiology
Prerequisites	No prerequisites.
Contact time	2 discussion classes per week
Language of tuition	Module is presented in English
Academic organisation	Microbiology and Plant Path
Period of presentation	Semester 2

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