University of Pretoria Yearbook 2017

Dynamical processes 162 (WTW 162)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	8.00
Programmes	BSc Computer Science
	BSc Information and Knowledge Systems
	BSc Applied Mathematics
	BSc Chemistry
	BSc Extended programme - Mathematical Sciences
	BSc Mathematical Statistics
	BSc Mathematics
	BSc Physics
Prerequisites	WTW 114 GS
Contact time	2 lectures per week, 1 tutorial per week
Language of tuition	Module is presented in English
Academic organisation	Mathematics and Applied Maths
Period of presentation	Semester 2

Module content

*Students will not be credited for more than one of the following modules for their degree: WTW 162 and WTW 264.

Introduction to the modelling of dynamical processes using elementary differential equations. Solution methods for first order differential equations and analysis of properties of solutions (graphs). Applications to real life situations.