



University of Pretoria Yearbook 2017

Mathematical modelling 152 (WTW 152)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module content	Introduction to the modelling of dynamical processes using difference equations. Curve fitting. Introduction to linear programming. Matlab programming. Applications to real-life situations in, among others, finance, economics and ecology.
Module credits	8.00
Programmes	BSc Computer Science BSc Information and Knowledge Systems BSc Applied Mathematics BSc Extended programme - Mathematical Sciences BSc Extended programme - Physical Sciences BSc Mathematical Statistics BSc Mathematics BSc Physics
Service modules	Faculty of Engineering, Built Environment and Information Technology
Prerequisites	Refer to Regulation 1.2
Contact time	1 tutorial per week, 2 lectures per week
Language of tuition	Module is presented in English
Academic organisation	Mathematics and Applied Maths
Period of presentation	Semester 1

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