

## University of Pretoria Yearbook 2021

## Mathematics 134 (WTW 134)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	16.00
NQF Level	05
Programmes	BCom
	BCom Economics
	BEd Senior Phase and Further Education and Training Teaching
	BSc Computer Science
	BSc Construction Management
	BSc Information and Knowledge Systems
	BSc Quantity Surveying
	BSc Real Estate
	BSc Biochemistry
	BSc Biological Sciences
	BSc Biotechnology
	BSc Culinary Science
	BSc Ecology
	BSc Entomology
	BSc Food Science
	BSc Genetics
	BSc Geography and Environmental Science
	BSc Geoinformatics
	BSc Human Genetics
	BSc Human Physiology
	BSc Human Physiology, Genetics and Psychology
	BSc Medical Sciences
	BSc Microbiology
	BSc Nutrition



	BSc Plant Science
	BSc Zoology
	BScAgric Agricultural Economics and Agribusiness Management
	BScAgric Animal Science
	BScAgric Applied Plant and Soil Sciences
	BScAgric Plant Pathology
Service modules	Faculty of Engineering, Built Environment and Information Technology
	Faculty of Education
	Faculty of Veterinary Science
Prerequisites	50% for Mathematics in Grade 12
Contact time	1 tutorial per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Mathematics and Applied Mathematics
Period of presentation	Semester 1

## Module content

\*Students will not be credited for more than one of the following modules for their degree: WTW 134, WTW 165, WTW 114, WTW 158. WTW 134 does not lead to admission to Mathematics at 200 level and is intended for students who require Mathematics at 100 level only. WTW 134 is offered as WTW 165 in the second semester only to students who have applied in the first semester of the current year for the approximately 65 MBChB, or the 5-6 BChD places becoming available in the second semester and who were therefore enrolled for MGW 112 in the first semester of the current year.

Functions, derivatives, interpretation of the derivative, rules of differentiation, applications of differentiation, integration, interpretation of the definite integral, applications of integration. Matrices, solutions of systems of equations. All topics are studied in the context of applications.

The information published here is subject to change and may be amended after the publication of this information. The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.