



University of Pretoria Yearbook 2017

Mathematics 134 (WTW 134)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

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.

Module credits 16.00

Programmes [BCom](#)

[BCom Economics](#)

[BCom Statistics](#)

[BEd Senior Phase and Further Education and Training Teaching](#)

[BIT Information Technology](#)

[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 Environmental Sciences](#)



BSc Food Science

BSc Genetics

BSc Geography

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 and Pasture Science

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

Refer to Regulation 1.2: At least 50% for Mathematics in the Grade 12 examination .

Contact time

4 lectures per week, 1 tutorial per week

Language of tuition

Separate classes for Afrikaans and English

Academic organisation

Mathematics and Applied Maths

Period of presentation

Semester 1

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 each student to familiarise himself or herself 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.