

University of Pretoria Yearbook 2017

Mathematics 154 (WTW 154)

Qualification Undergraduate

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

Module credits 8.00

Programmes [BSc Extended programme - Biological and Agricultural Sciences](#)

Service modules Faculty of Education

Prerequisites WTW 144

Contact time 3 lectures per week, 1 tutorial per week, Foundation Course

Language of tuition Module is presented in English

Academic organisation Mathematics and Applied Maths

Period of presentation Semester 1

Module content

Integration: Accumulated change, the definite integral, anti-derivatives, the definite integral as an area, interpretations of the definite integral.

Matrices and systems of linear equations: Matrix addition and scalar multiplication, matrix multiplication, systems of linear 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.