



University of Pretoria Yearbook 2021

Mathematics 154 (WTW 154)

| | |
|-------------------------------|---|
| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 8.00 |
| NQF Level | 05 |
| Programmes | BSc extended programme - Biological and Agricultural Sciences BSc extended programme - Mathematical Sciences |
| Prerequisites | WTW 144 |
| Contact time | 1 tutorial per week, 3 lectures per week, Foundation Course |
| Language of tuition | Module is presented in English |
| Department | Mathematics and Applied Mathematics |
| 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.