

University of Pretoria Yearbook 2019

Linear algebra 221 (WTW 221)

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| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 12.00 |
| Programmes | BCom |
| | BCom Statistics |
| | BSc Actuarial and Financial Mathematics |
| | BSc Applied Mathematics |
| | BSc Chemistry |
| | BSc Engineering and Environmental Geology |
| | BSc Geology |
| | BSc Mathematical Statistics |
| | BSc Mathematics |
| | BSc Meteorology |
| | BSc Physics |
| Service modules | Faculty of Engineering, Built Environment and Information Technology |
| | Faculty of Education |
| | Faculty of Economic and Management Sciences |
| Prerequisites | WTW 211 and WTW 218 |
| Contact time | 2 lectures per week, 1 tutorial per week |
| Language of tuition | Module is presented in English |
| Department | Mathematics and Applied Mathematics |
| Period of presentation | Semester 2 |

Module content

Abstract vector spaces, change of basis, matrix representation of linear transformations, orthogonality, diagonalisability of symmetric matrices, some applications.

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Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.