

# University of Pretoria Yearbook 2017

## Mathematical literacy 220 (JWG 220)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Education</a>
<b>Module credits</b>	12.00
<b>Programmes</b>	<a href="#">BEd Senior Phase and Further Education and Training Teaching</a>
<b>Prerequisites</b>	STK 113 or STK 123 passed with 40% (GS) obtained in the other module or STK 110 or WTW 134
<b>Contact time</b>	2 lectures per week, 2 practicals per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Science, Maths + Techno Ed
<b>Period of presentation</b>	Semester 2

### Module content

Functions, equations, sequences and series for teachers:

Combination of functions; mathematical modelling; exponential functions and their graphs; logarithmic functions and their graphs; properties of logarithms; exponential and logarithmic equations; exponential and logarithmic models; systems of equations and inequalities; sequences and series.

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