

# University of Pretoria Yearbook 2017

## Mathematical literacy 210 (JWG 210)

<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 a GS (40%) obtained in the other module, or STK 110 or WTW 134
<b>Contact time</b>	2 practicals per week, 2 lectures 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 1

### Module content

Functions and graphs for teachers:

Functions; graphs of functions; transformations of functions; inverse functions; polynomial functions; polynomial and synthetic division; complex numbers; zeros of polynomial functions; rational functions; inequalities; mathematical modelling.

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