



UNIVERSITY OF
KWAZULU-NATAL™
INYUVESI
YAKWAZULU-NATALI

EXTENDED LEARNING

Foundation Math (Bridging Course - Two Weeks)



There are very few opportunities in life that are really worth taking, that present themselves a second time. With such a high percentage of Grade 12 learners not meeting the Mathematics entrance requirements for study at a university, this course is designed to give these learners a second chance. It is put together as an intense two week (80 hour) course that allows students who pass with 60%, access to study a degree at UKZN where Mathematics is a pre-requisite, provided that other requirements of the University are met.

Due to the intense nature of this course, only individuals who completed their Matric in the past three years should apply.

STARTS 12 JANUARY 2015

OUR WORLD IS CHANGING...SHOULDN'T YOU?

Foundation Math

(Bridging Course - Two Weeks)

How you will benefit. You will learn to:

- Concentrate on just one subject instead of six or more
- Improve your understanding of mathematical concepts
- Gain confidence as you work through examples on your own and in the classroom
- Draw on the experience and skills of a Mathematics specialist at UKZN

Key focus areas:

- Set theory
- Equations and inequalities
- Perimeter, area and volume
- Numbers and proportional reasoning
- Linear, quadratic, semi-circles, rectangular hyperbola and piecewise functions
- Absolute values, circular (trigonometry), exponential and logarithmic
- Introduction to differential calculus and word problems

Who should attend:

School leavers who passed Mathematics in their final NSC examinations (Matric examinations) desiring to pursue a Science or Commerce related degree. This course provides possible access to a Bachelor's degree at UKZN, where Grade 12 Mathematics is an entrance requirement, provided that the applicant meets the other qualifying criteria of the University.

Entrance requirements:

To be considered for registration, an applicant must have obtained a pass symbol on Standard or Higher Grade Mathematics or NSC Mathematics in the final examinations in Grade 12.

Programme fee:

The course fee of R6 290 (incl. VAT) covers tuition, instruction material and a final examination.

Estimated Level:

Level Five on the National Qualifications Framework (NQF).

Duration:

Two weeks, Monday to Friday
8am – 5pm (80 hours)

Facilitators include:



Dr. Maga Moodley joined the Springfield College of Education in 1989 as a lecturer, and in 1992 received a Harvard Scholarship to undertake a Master's in Education degree in the US. In 1995, Dr. Moodley served as the coordinator of the AMESA National Conference, and was elected Vice President: Natal Region in 2001. He joined the University of Natal as a senior tutor in 2002, and was

appointed as a Lecturer in the School of Mathematics in 2007. During the past 10 years, Dr. Moodley was actively involved in Mathematics education in rural communities, in stimulating excellence against international norms through AMESA, and was invited to present at international conferences for the promotion of Mathematics education.



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The School of Mathematics, Statistics and Computer Science

The School of Mathematics, Statistics and Computer Science is one of five Schools housed within the College of Agriculture, Engineering and Science at the University of KwaZulu-Natal. The School encompasses the disciplines of Biostatistics, Computer Science, Financial Mathematics, Mathematical Sciences and Statistics. Located on the Howard College, Pietermaritzburg and Westville campuses, the school caters to the needs of students ranging from the undergraduate level to post-doctoral researchers. The School is headed by Professor Kesh Govinder, who is ably supported by leading academics, technical and support staff.

Business and Management Courses

- Certificate in Business Administration
- Certificate in Public Administration
- Managing for Impact (NEW MANAGERS)
- Finance for Non-Financial Managers
- Competent Project Management
- Supply Chain Management
- Management Development Programme

CONTACT INFORMATION

DURBAN

Barbara Cikwayo
T : +27 31 260 1234
E : cikwayo@ukzn.ac.za

University of KwaZulu-Natal,
Howard College Campus, Gate 9,
Room 212, Innovation Centre,
Rick Turner Road,
Durban, 4001



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