

UNIVERSITY OF MINES AND TECHNOLOGY, TARKWA
POSTGRADUATE MODULAR PROGRAMME IN MATHEMATICS

2025 ACADEMIC YEAR

Module No	Module Title	Date	Instructor
MA 584**	Macroeconomics	27 th Jan, 2025 – 7 th Feb, 2025	Dr P. K. Nyarko
MA 592**	Advanced Numerical Methods	10 th Feb – 21 st Feb, 2025	Dr E. N. Wiah/ Dr Zigli
MA 577*	Advanced Probability and Statistics	24 th Feb – 7 th Mar, 2025	Assoc Prof C. C. Nyarko
MA 582**	Optimisation Models in Economics and Finance	10 th Mar – 21 st Mar, 2025	Dr E. N. Wiah
MA 594**	Computational Methods in Optimisation	24 th Mar – 4 th April, 2025	Dr M. V. Crankson
MA 571*	Numerical Methods for Linear and Nonlinear Equations		Dr J. Acquah/Dr P. K. Nyarko
MA 576**	Stochastic Processes with Applications	7 th April– 18 th April, 2025	Dr B. Odoi
MA 586**	Risk Analysis and Management	21 st April – 2 nd May, 2025	Dr F. Boateng/ Mr Agyarko
MA 600*	PhD Thesis		Thesis Supervisors
MA 655#	Individual Studies		Thesis Supervisors
MA 596**	Computational Methods for Optimal Control Problems	5 th May– 16 th May, 2025	Dr H. Otoo/Dr M. V. Crankson
MA 578**	Statistical Models		Assoc Prof C. C. Nyarko/Assoc Prof Brew
MA 588**	Sample Survey	19 th May – 30 th May, 2025	Dr B. Odoi
MA 556*	Labwork/Fieldwork and Report	2 nd June – 13 th June, 2025	Training Officer (MA)
MA 656##	University Teaching Experience		
MA 551*	Research Methods	14 th July – 25 th July, 2025	Dr P. k. Nyarko/Dr J. Acquah
MA 573*	Time Series and Forecasting	28 th July – 8 th August, 2025	Assoc Prof L. Brew
MA 553*	Operations Research	11 th August – 22 nd August, 2025	Dr H. Otoo
MA 275*	Numerical Methods	25 th August – 6 th September, 2025	Dr E. N. Wiah
MA 579*	Computer Programming	8 th September – 19 th September, 2025	Dr E. N. Wiah/ Dr A. Buaben
MA 581**	Computational Finance	22 nd September – 3 rd October, 2025	Dr F. Boateng/ Dr M. A. Buah
MA 591**	Application of Numerical Analysis to ODEs	6 th October – 17 th October, 2025	Dr P. K. Nyarko
MA 500*	Thesis		Thesis Supervisors
MA 572**	Multivariate Analysis	20 th October – 31 st October, 2025	Dr Benjamin Odoi
MA 583**	Investment Analysis and Portfolio Theory	3 rd November – 14 th November, 2025	Dr A. Tetteh/ Mr. K. Agyarko
MA 593**	Application of Numerical Analysis to PDEs	17 th November – 28 th November, 2025	Dr J. Acquah/ Dr D. D. Zigli
MA 574**	Design and Analysis of Experiments	1 st December – 12 th December, 2025	Dr . C.C Nyarko / Dr A. Buabeng

* Compulsory Modules

** Elective Modules

Compulsory for all PhD candidates

Compulsory for only Postgraduate Assistants

- N.B. (i) Participation fee is **GH¢1000.00** per module for registered Students
 Participation fee is **GH¢1,400.00** per module for other participants
 Participation fee is **\$500.00** per module for foreign participants
 (ii) Registration closes one (1) week before the commencement of the module