

REPUBLIQUE DU CAMEROUN
Paix – Travail – Patrie

INSTITUT UNIVERSITAIRE BENGONO
TOURE GENEVIEVE
Scientiarum - Excellentiam - Nobel



REPUBLIC OF CAMEROON
Peace-Work-Fatherland

THE BENGONO TOURE GENEVIEVE
UNIVERSITY INSTITUTE
SCIENTIARUM – EXCELLENTIAM – NOBEL

INSTITUT SUPERIEUR DES SCIENCES DE L'INGENIEUR, DES INDUSTRIES ET DE L'INNOVATION
THE HIGHER INSTITUTE OF ENGINEERING SCIENCES, INDUSTRIES AND INNOVATION

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PHD IN MATHEMATICS

CODES	COURSE NAMES	CREDIT
	YEAR I	3
DPM100	Linear Algebra	3
DPM101	Data Analysis	3
DPM102	Geometry	3
DPM103	Advanced Probability	3
DPM104	Software Metrics	2
DPM105	Combinatorics	3
DPM106	Advanced Abstract Algebra	3
DPM107	Real Analysis	3
DPM108	Real Variables	3
DPM109	Quantitative Analysis	3
DPM110	Qualitative Analysis	3
DPM111	Topology	3
DPM112	Differential Equations	3
DPM113	Functional Analysis	3
DPM115	Analytical Mechanics	3
DPM116	Thesis seminar I (Doctoral Proposal Development)	3
DPM117	Year One: Phd Research Thesis (Literature Review + Methodology)	10
		60
	YEAR II	
DPM200	Calculus of Variations	3
DPM201	Number Theory	3
DPM202	Partial Differential Equations	3
DPM203	Matrix Algebra	3
DPM204	Modern Algebra	3
DPM205	Vector Analysis	3
DPM206	Numerical Methods	3
		3
DPM207	Discrete Mathematics	
DPM208	Statistics and Probability Theory	3

DPM209	Mathematics Finance	4
DPM210	Linear Programming	4
DPM215	Thesis seminar I (Results and Findings)	5
DPM216	Thesis seminar II(Publication of 2 articles)	10
DPM217	Year Two : Phd Research Thesis (Results and Findings)	10
		60
	YEAR III	
DPM 300	Applied Mathematics	2
DPM 301	Computational Mathematics	2
DPM 302	Riemannian Geometry	4
DPM 310	International Conference + Publication articles(2)	6
DPM 311	Third-Year Research Seminar (Discussion and Conclusion)	6
DPM 312	Year Three: Thesis (Dissertation Defense)	40
		60