

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 BIOTECHNOLOGY

CODES	COURSE NAMES	CREDIT
	YEAR I	3
DPBT100	Polymer Science for Biomaterials	3
DPBT101	Research Methods	3
DPBT102	Biomaterials	3
DPBT103	Virology	3
DPBT104	Applied Materials Chemistry	2
DPBT105	Nanoscale Materials	3
DPBT106	Drug and Gene Delivery	3
DPBT107	In Vitro Models for Disease	3
DPBT108	Molecular Pharmacology and Physiology	3
DPBT109	Physiological Pharmacology	3
DPBT110	Protein Biophysics and Structure	3
DPBT111	Biomolecular Interactions: Health, Disease & Drug Design	3
DPBT112	Development of Vaccines to Infectious Diseases	3
DPBT113	Molecular Targets of Drug Discovery	3
DPBT115	Communication Skills	3
DPBT116	Thesis seminar I (Doctoral Proposal Development)	3
DPBT117	Year One: Phd Research Thesis (Literature Review + Methodology)	10
		60
	YEAR II	
DPBT200	Biotechnology and Global Health	3
DPBT201	Cancer Biology	3
DPBT202	Innate Immunity	3
DPBT203	Biology of Emerging Microbial Diseases	3
DPBT204	The Diseased Brain	3
DPBT205	Environmental Health and Disease	3
DPBT206	Neurogenetics and Disease	3
		3
DPBT207	The Biology of Aging	
DPBT208	Biotechnology Science and Industry	3

DPBT209	Importance of Intellectual Property in Biotechnology	4
DPBT210	Management Strategies in Biotechnology	4
DPBT215	Thesis seminar I (Results and Findings)	5
DPBT216	Thesis seminar II(Publication of 2 articles)	10
DPBT217	Year Two : Phd Research Thesis (Results and Findings)	10
		60
	YEAR III	
DPBT 300	Commercialization Pathways in Biotechnology	2
DPBT 301	Developmental Biology	2
DPBT 302	Blood Substitutes & Therapeutic Development	4
DPBT 310	International Conference + Publication articles(2)	6
DPBT 311	Third-Year Research Seminar (Discussion and Conclusion)	6
DPBT 312	Year Three: Thesis (Dissertation Defense)	40
		60