

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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DOCTOR OF PHILOSOPHY IN MED. LAB. SCIENCES

CODES	COURSE NAMES	CREDIT
	YEAR I	3
PEHS100	Gene Organization and Expression	3
PEHS101	Cell Structure and Function	3
PEHS102	Molecular Genetics and Recombinant DNA	3
PEHS103	Methods – Biological Research Lab	3
PEHS104	Methods – Biological Research	2
PEHS105	Communication Skills	3
PEHS106	Research Methods	3
PEHS107	Organization Behavior	3
PEHS108	Human Resource Management	3
PEHS109	Clinical Research Problems – Doctoral	3
PEHS110	Hematopathology	3
PEHS111	Advanced Hematology	3
PEHS112	Red and White Blood Cell Disorders	3
PEHS113	Quality Assurance and Regulations in the Clinical Laboratory	3
PEHS115	Cell Biology and Microbiology Seminars	3
PEHS116	Thesis seminar I (Doctoral Proposal Development)	3
PEHS117	Year One: Phd Research Thesis (Literature Review + Methodology)	10
		60
	YEAR II	
PEHS200	Molecular Diagnosis of Infectious Disease	3
PEHS201	Case Studies in Clinical Microbiology	3
PEHS202	Quality Assurance and Regulations in the Clinical Laboratory	3
PEHS203	Medical Microbiology	3
PEHS204	Comparative Metabolism	3
PEHS205	Molecular Diagnosis of Infectious Diseases	3
PEHS206	Clinical Laboratory Education	3
		3
PEHS207	Model Organisms and Human Disease	
PEHS208	Immunology	3

PEHS209	Rational Drug Design	4
PEHS210	Molecular Biotechnology	4
PEHS215	Thesis seminar I (Results and Findings)	5
PEHS216	Thesis seminar II(Publication of 2 articles)	10
PEHS217	Year Two : Phd Research Thesis (Results and Findings)	10
		60
	YEAR III	
PEHS 300	Medical Microbiology	2
PEHS 301	Laboratory Management	2
PEHS 302	Advanced Clinical Chemistry	4
PEHS 310	International Conference + Publication articles(2)	6
PEHS 311	Third-Year Research Seminar (Discussion and Conclusion)	6
PEHS 312	Year Three: Thesis (Dissertation Defense)	40
		60