

REPUBLIQUE DU CAMEROUN  
Paix – Travail – Patrie

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INSTITUT UNIVERSITAIRE BENGONO  
TOURE GENEVIEVE  
Scientiarum - Excellentiam - Nobel  
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REPUBLIC OF CAMEROON  
Peace-Work-Fatherland

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THE BENGONO TOURE GENEVIEVE  
UNIVERSITY INSTITUTE  
SCIENTIARUM – EXCELLENTIAM – NOBEL  
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**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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**BACHELOR'S IN PHARMACEUTICAL SCIENCES**

CODES	COURSE NAMES	CREDIT
	<b>YEAR ONE</b>	
BSPS1110	English	4
BSPS1111	Differential Calculus	3
BSPS1112	General Mathematics	3
BSPS1113	Thermodynamics, Kinetics and Organic Chemistry	3
BSPS1114	Structure and Bonding in Chemistry	3
BSPS1115	Biology of the Cell	3
BSPS1116	Human Biology	3
BSPS1117	Chemical Analysis	3
BSPS1118	Fundamentals of Biostatistics.	3
BSPS1119	Organic Chemistry for Biological Sciences	3
BSPS1120	Organic Chemistry Laboratory	3
BSPS1121	Introductory Medical Microbiology and Immunology	3
BSPS1122	Biochemical Pharmacology	3
BSPS1123	General Biology I	3
BSPS1124	General Biology II	3
BSPS1125	Research methods	3
BSPS1126	General Chemistry Lab I	3
BSPS1127	General Chemistry Lab II	3
BSPS1128	Entrepreneurship	3
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	<b>YEAR TWO</b>	
BSPS2110	Clinical Chemistry	3
BSPS2111	Drug Delivery Technologies and Personalized Medicine	3
BSPS2112	Pharmaceutical Research	3
BSPS2112	Clinical Epidemiology & Pharmaceutical Outcomes I	3
BSPS2113	Pharmaceutical Topics and Communication Seminar	3
BSPS2114	Nanomedicine	3

BSPS2115	Pharmacokinetics and Pharmacogenomics	3
BSPS2116	Clinical Epidemiology & Pharmaceutical Outcomes II	3
BSPS2117	Analytical Sciences Theory and Laboratory	3
BSPS2118	Pharmaceutical Cases I	3
BSPS2119	Biopharmaceutics Theory and Laboratory	3
BSPS2120	Pharmaceutical Cases II	3
BSPS2121	Systematic Pharmacology	3
BSPS2122	Medicinal Chemistry of High-Impact Pharmaceuticals in Major Diseases	3
BSPS2123	Precision Medicine	3
BSPS2124	Pharmacoeconomics	3
BSPS2125	Financing and Therapeutics in the Health Care System	3
BSPS2126	Biologics	3
BSPS2127	Anesthetics and Analgesics	3
BSPS2128	Drug Structures in Medicinal Chemistry	3
		60
	<b>YEAR THREE</b>	
BSPS3110	Freshman Chemistry Laboratory I	3
BSPS3211	Biochemistry & Molecular Biology	3
BSPS3213	Adverse Drug Reactions	3
BSPS3112	Toxicology	3
BSPS3212	Advanced Pharmacokinetics	3
BSPS3113	Selected Topics in Pharmaceutical Sciences	3
BSPS3114	Human Physiology	3
BSPS3115	Introduction to the Pharmaceutical Sciences	3
BSPS3116	Modern Organic Chemistry Laboratory I	3
BSPS3117	Principles of Biology I	3
BSPS3118	Principles of Biology II	3
BSPS3119	Pills, Potions, and Drugs in Modern Medicine	3
BSPS3120	Pharmaceutical Drug Development Lab	3
BSPS3121	Pharmaceutical Drug Development	3
BSPS3122	Pharmacokinetics & Pharmacodynamics	3
BSPS3123	Advanced Drug Delivery Systems	3
BSPS3124	Biological Therapeutics	3
BSPS3125	Advanced Drug Delivery Systems Lab	3
BSPS3126	Dosage Forms I	3
BSPS3110	Human Anatomy And Physiology	3
		60
	<b>YEAR FOUR</b>	
BSPS4114	Pharmacology	3
BSPS4115	Pharmaceutical Analysis	3
BSPS4116	Pharmaceutics	3
BSPS4117	Medicinal Chemistry	3
BSPS4118	Drug discovery, design and development	3
BSPS4119	Drug Regulatory Affairs	3
BSPS4120	Dosage Forms II	3

BSPS3121	Biochemistry For Pharmaceutical Sciences II	3
BSPS4122	Principles Of Pathophysiology And Drug Action	3
BSPS4123	Immunology	3
BSPS4125	Internship	10
BSPS4126	Dissertation	20
		60