

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 INFORMATION SYSTEMS**

<b>CODES</b>	<b>COURSE NAMES</b>	<b>CREDIT</b>
	<b>YEAR ONE</b>	
BIS1110	Introduction to research Methodolgy	4
BIS1111	Communication skills	3
BIS1112	Engineering mathematics I	3
BIS1113	Physics (theories and lab)	3
BIS1114	Probability and Statistics	3
BIS1115	Fundamentals of Mechanics	3
BIS1116	C Language Programming	3
BIS1117	Telecommunications Network Management	3
BIS1118	Physical Electronics	3
BIS1119	Ethics and professional engineering	3
BIS1120	Introduction To Digital Electronics	3
BIS1121	Computer application	3
BIS1122	Introduction to Engineering I and II	3
BIS1123	Computer aided design I and II	3
BIS1124	Engineering Materials	3
BIS1125	Introduction to Networking	3
BIS1126	Introduction to C Programming	3
BIS1127	English	3
BIS1128	Field work	3
		60
	<b>YEAR TWO</b>	
BIS2110	Fundamentals of Information Systems	3
BIS2111	Fundamentals of Information Technology	3

BIS2112	Engineering Mathematics 2	3
BIS2112	Analog and Digital Communications	3
BIS2113	Computer Systems and Network	3
BIS2114	Introduction to e-Business	3
BIS2115	Satellite Transmission	3
BIS2116	Telecommunications	3
BIS2117	Legal and Regulatory Issues in Telecommunications	3
BIS2118	Fiber-optic communications	3
BIS2119	Organization Theory	3
BIS2120	Business Applications Programming	3
BIS2121	Systems Analysis	3
BIS2122	Database	3
BIS2123	Information Security	3
BIS2124	World Wide Web Development	3
BIS2125	Network Theory	3
BIS2126	Object Oriented Programming	3
BIS2127	Electromagnetic Fields	3
BIS2128	Practical work(attachment )	3
		60
	<b>YEAR THREE</b>	
BIS3110	Distributed Computer Systems	3
BIS3211	Computer Systems Security	3
BIS3213	Internet of Things: Concepts & Applications	3
BIS3112	Professional Engineering Practice	3
BIS3212	Electronic Commerce	3
BIS3113	Electronic Publishing on the Internet	3
BIS3114	Telecommunication Engineering Project	3
BIS3115	Technology, Ethics & Human Rights	3
BIS3116	Industrial Training	3
BIS3117	Engineering Mathematics III	3
BIS3118	Communication Theory	3
BIS3119	Radio Wave Propagation & Antennas	3
BIS3120	Documentary Production, Forms and Techniques	3
BIS3121	Creating Interactive Multimedia	3
BIS3122	Law Of Contracts	3
BIS3123	Entrepreneurship	3
BIS3124	Design for Interactive Media	3
BIS3125	Digital Media Techniques	3
BIS3126	Multimedia Specialty	3

BIS3110	Professional Practice	3
		60
	<b>YEAR FOUR</b>	
BIS4114	Mobile Communications Systems	3
BIS4115	Computer Communication Networks	3
BIS4116	Television And Video Engineering	3
BIS4117	Digital Signal Processing	3
BIS4118	Microprocessor Based Systems	3
BIS4119	Radio Frequency & Microwave Engineering	3
BIS4120	Satellite Communications	3
BIS3121	Engineering Design and Workshop Technology	3
BIS4122	Broadband And Advanced Communications	3
BIS4123	Control Engineering	3
BIS4125	Internship	10
BIS4126	Dissertation	20
		60