

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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BACHELOR'S IN INFORMATION TECHNOLOGY

CODES	COURSE NAMES	CREDIT
	YEAR ONE	
BIT1110	Research methods	3
BIT1111	Communication skills	3
BIT1112	Managing Information technology	3
BIT1113	Business Information Security	3
BIT1114	High-Performance Computing	3
BIT1115	ICT	3
BIT1116	Mathematical Foundations	3
BIT1117	International Software Development	3
BIT1118	Algorithms & Data Structures	3
BIT1119	Operating Systems Architecture	3
BIT1120	Practising Workplace English	3
BIT1121	Web Applications	3
BIT1122	Computer Networking	3
BIT1123	Introduction to Software Engineering	3
BIT1124	Design Thinking	3
BIT1125	Introduction to Web Design	3
BIT1126	Design Computing Studio	3
BIT1127	Computer application	3
BIT1128	Introduction to Artificial Intelligence	3
		60
	YEAR TWO	
BIT2110	Internet Protocols	2
BIT2111	Algebra and Discrete Mathematics	2
BIT2112	Fundamentals of Computer and Programming	2

BIT2112	Computer Programming and Problem Solving	2
BIT2113	Problem Solving for IT	2
BIT2114	Business Solutions in IT	3
BIT2115	Machine and Assembly Language programming	3
BIT2116	UNIX Operating Systems	3
BIT2117	Data Structures and Algorithm Design	3
BIT2118	Database Management and Administration	3
BIT2119	Computer Organization	3
BIT2120	Parallel Computer Organization	3
BIT2121	Advance Computer Organization	3
BIT2122	Information Systems and Productivity Toolware	3
BIT2123	File Structures and Management	3
BIT2124	Multimedia Information Systems	3
BIT2125	Programming Language Concepts	2
BIT2126	Object-Oriented Software Systems Design	3
BIT2127	System Design and Configuration	3
BIT2128	IT Project Management	3
BIT2129	Visualization, Computer Graphics & Data Analysis	3
BIT2130	Cloud Computing	3
		60
	YEAR THREE	
BIT3110	Relational Database Systems	3
BIT3112	Numerical Methods in Computational Science	3
BIT3113	Introduction to Computer Systems	3
BIT3114	Computer Systems Principles and Programming	3
BIT3115	Graphic Design	3
BIT3116	Digital Prototyping	3
BIT3117	Human-Computer Interaction	3

BIT3118	Bioinformatics	3
BIT3119	Information Analysis and System Design	3
BIT3120	Artificial Intelligence	3
BIT3121	Social & Mobile Computing	3
BIT3122	Coding & Cryptography	3
BIT3123	Scientific Computing: Advanced Techniques and Applications	3
BIT3124	Operations Research & Mathematical Planning	3
BIT3125	Internship	8
BIT3126	Dissertation	10
		60