

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 ELECTRICAL ENGINEERING

CODES	COURSE NAMES	CREDIT
	YEAR ONE	
BSAID1110	Introduction to research science	4
BSAID1111	Communication skills	3
BSAID1112	Engineering mathematics	3
BSAID1113	Physics (theories and lab)	3
BSAID1114	Earthquake resistant building	3
BSAID1115	Working drawing	3
BSAID1116	Principles of architectural structures	3
BSAID1117	Microwave Circuits	3
BSAID1118	Optics and Photonics	3
BSAID1119	Ethics and professional engineering	3
BSAID1120	Multimedia Signals and Systems	3
BSAID1121	Computer application	3
BSAID1122	Architectural drawing and presentation skills	3
BSAID1123	Waveguides and Antennas	3
BSAID1124	Computer aided design I and II	3
BSAID1125	Embedded Systems	3
BSAID1126	Microelectronic Circuit Design	3
BSAID1127	Logic Design	3
BSAID1128	Field work	3
		60
	YEAR TWO	
BSAID2110	Electric Circuit Analysis	3
BSAID2111	Practical work(attachment)	3
BSAID2112	Advanced research methodology	3
BSAID2112	Control Systems	3

BSAID2113	Power Electronics II	3
BSAID2114	General Electronics	3
BSAID2115	Environment management skills	3
BSAID2116	Safety Engineering and Management	3
BSAID2117	Engineering Economics and Finance	3
BSAID2118	Electrical Machines	3
BSAID2119	Electric Machinery and Power Systems	3
BSAID2120	High Voltage Engineering	3
BSAID2121	Telecommunication	3
BSAID2122	Digital systems	3
BSAID2123	Computer Networking	3
BSAID2124	Economics of Power Systems	3
BSAID2125	Measurement and Industrial Technology	3
BSAID2126	Entrepreneurship	3
BSAID2127	Electric Circuit Analysis	3
BSAID2128	Practical work(attachment)	3
		60
BSAID3110	Power Electronics II	3
BSAID3211	General Electronics	3
BSAID3213	Environment management skills	3
BSAID3112	Safety Engineering and Management	3
BSAID3212	Engineering Economics and Finance	3
BSAID3113	Electrical Machines	3
BSAID3114		3
BSAID3115	High Voltage Engineering	3
BSAID3116	Telecommunication	3
BSAID3117	Digital systems	3
BSAID3118	Computer Networking	3
BSAID3119	Economics of Power Systems	3
BSAID3120	Measurement and Industrial Technology	3
BSAID3121	Entrepreneurship	3
BSAID3122	Electric Circuit Analysis	3
BSAID3123	Practical work(attachment)	3
BSAID3124	Advanced research methodology	3
BSAID3125	Control Systems	3
BSAID3126	Power Electronics II	3
BSAID3110	Professional Practice	3
		60
	YEAR FOUR	
BSAID4114	Applied Electronics and Electro technics	3
BSAID4115	Applied mathematics	3
BSAID4116	Logic circuits	3

BSAID4117	Applied Mechanical and Thermodynamics	3
BSAID4118	Organization behavior	3
BSAID4119	Entrepreneurship and development	3
BSAID4120	Automation and information industrial	3
BSAID3121	Microprocessors and Microcontroller Systems	3
BSAID4122	Theory for electromagnetic radiation	3
BSAID4123	Engineering Ethics and Professional conduct II	3
BSAID4125	Internship	10
BSAID4126	Dissertation	20
		60