

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 GEOMATICS AND TOPOGRAPHY ENGINEERING**

<b>CODES</b>	<b>COURSE NAMES</b>	<b>CREDIT</b>
	<b>YEAR ONE</b>	
BGTE1110	Introduction to research science	4
BGTE1111	Communication skills	3
BGTE1112	Engineering mathematics I	3
BGTE1113	Physics (theories )	3
BGTE1114	Thermodynamics	3
BGTE1115	Industrial Training I	3
BGTE1116	Production Technology I	3
BGTE1117	Engineering Drawing	3
BGTE1118	Electrical Technology	3
BGTE1119	Ethics and professional engineering	3
BGTE1120	Environmental Technology	3
BGTE1121	Computer application	3
BGTE1122	Industrial Training I	3
BGTE1123	General Chemistry	3
BGTE1124	Introduction to Topography	3
BGTE1125	Surveying I	3
BGTE1126	Physics Lab	3
BGTE1127	Calculs I and II	3
BGTE1128	Field Work	3
		60
	<b>YEAR TWO</b>	
BGTE2110	Statistical Reasoning	3
BGTE2111	Engineering Drawing II	3

BGTE2112	Introduction To Geomatics	3
BGTE2112	Mapping Technology	3
BGTE2113	Cartography-I	3
BGTE2114	Engineering Mathematics II	3
BGTE2115	Geographical Information System (GIS)	3
BGTE2116	Engineering Drawing III	3
BGTE2117	Industrial Training II	3
BGTE2118	Surveying II	3
BGTE2119	Photogrammetry	3
BGTE2120	Cartography-II	3
BGTE2121	Global Navigation Satellite System	3
BGTE2122	Spatial Analysis	3
BGTE2123	Remote Sensing For Mapping	3
BGTE2124	Vertical Control Surveying	3
BGTE2125	Geospatial Reference System	3
BGTE2126	Geodesy I	3
BGTE2127	Adjustment Computation I	3
BGTE2128	Professional Practice I	3
		60
	<b>YEAR THREE</b>	
BGTE3110	Theory of Map Projections	3
BGTE3211	Special Surveys	3
BGTE3213	Topographic Drawing	3
BGTE3112	Civil Engineering Practice	3
BGTE3212	Land Law and Survey Regulation	3
BGTE3113	GIS Programming	3
BGTE3114	Digital Mapping	3
BGTE3115	Computer Programming	3
BGTE3116	Statistics for Surveyors	3
BGTE3117	Hydrographic Surveying	3
BGTE3118	Computer Aided Design for Surveyors	3
BGTE3119	Mathematic for Surveyors	3
BGTE3120	Field Astronomy	3
BGTE3121	Engineering Survey	3
BGTE3122	Least Square Estimation	3
BGTE3123	Industrial Survey I	3
BGTE3124	Industrial Survey II	3
BGTE3125	Map Projection II	3
BGTE3126	Tidal Processing and Analysis	3
BGTE3110	Professional Practice II	3
		60
	<b>YEAR FOUR</b>	
BGTE4114	Environmental Studies	3

BGTE4115	Digital Imaging Photogrammetry and Application	3
BGTE4116	LIS Database Management	3
BGTE4117	Physical Oceanography	3
BGTE4118	Utility Mapping	3
BGTE4119	Geodesy II	3
BGTE4120	Project Management	3
BGTE3121	Property boundary mapping	3
BGTE4122	Development and Implementation of LIS	3
BGTE4123	Land Information System	3
BGTE4125	Internship	10
BGTE4126	Dissertation	20
		60