

DEPARTMENT OF BUILDING

100 LEVEL 1ST SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
ARC 101	R	Graphic Communication I	0	0	6	2
URP 103	R	Nature of Environmental Science	2	0	0	2
MEE 101	R	Engineering Drawing I	1	0	6	3
PHY 101	R	General Physics I	2	1	0	3
PHY 107	R	General Physics Laboratory I.	0	0	3	1
CHE 101	C	General Chemistry I	2	1	3	4
MTS 101	R	Introductory Mathematics I	2	1	0	3
GNS 101	R	Use of English I	1	1	0	2
GNS 103	R	Information Retrieval	1	0	0	1
	Total					21

100 LEVEL 2 <sup>ND</sup> SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
BDG 102	C	Introduction to Building	2	1	0	3
ARC 102	R	Graphic Communication II	0	0	6	2
MEE 102	R	Workshop Practice	0	0	6	2
PHY 102	R	General Physics II	2	1	0	3
PHY 108	R	General Physics Laboratory II.	0	0	3	1
MTS 102	R	Introductory Mathematics II	2	1	0	3
CSC 102	C	Introduction to Computing	2	0	3	3
GNS 102	R	Use of English II	1	1	0	2
GNS 106	R	Philosophy and Logic	1	1	0	2
	Total					21

200 LEVEL 1 <sup>ST</sup> SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
BDG 201	R	Building Construction I	2	0	3	3
BDG 203	R	Principles of Building Design	1	0	3	2
BDG 205	R	Building and Environmental Science	1	0	3	2
CVE 203	R	Structural Mechanics and Strength of Materials	2	1	0	3
QSV 201	R	Principles of Measurement and Description I	2	1	0	3
SVG 201	C	Basic Surveying I	2	1	0	3
ESM 201	R	Introduction to Valuation I	2	1	0	3
CSP 201	R	General Agriculture (Theory I)	1	0	0	1
GNS 203	R	Nigerian History & Culture	1	1	0	2
	Total					22

<i>Audited Courses for D.E students</i>						
GNS 101	R	Use of English I	1	1	0	2
GNS 103	R	Information Retrieval	1	0	0	1
MEE 101	R	Engineering Drawing I	1	0	6	3

200 LEVEL 2 <sup>ND</sup> SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
BDG 202	R	Building Construction II	2	0	3	3
BDG 204	R	Detailing of Building Components	0	0	3	1
BDG 206	R	Workshop Practice in Building	0	0	6	2
<b>QSV 202</b>	<b>R</b>	<b>Principles of Measurement and Description II</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>
SVG 202	C	Basic Surveying II	1	0	3	2
<b>ESM 202</b>	<b>R</b>	<b>Introduction to Valuation II</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>
<b>MTS 224</b>	<b>R</b>	<b>Statistics for Biological and Environmental Services</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>
CSP 210	R	General Agriculture (Practical)	0	0	6	2
PMT 210	R	Principles of Economics	2	1	0	3
	Total					22

University Required Courses for Direct Entry Students						
<b>MEE 102</b>	<b>R</b>	<b>Workshop practice</b>	<b>0</b>	<b>-</b>	<b>6</b>	<b>2</b>
<b>GNS 102</b>	<b>R</b>	<b>Use of English II</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>2</b>
<b>GNS 106</b>	<b>R</b>	<b>Logic and Philosophy</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>2</b>

300 LEVEL 1ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
BDG 301	C	Building Construction III	1	0	3	2
BDG 303	C	Building Maintenance I	1	0	3	2
BDG 305	C	Building Services I (Mechanical)	1	0	3	2
BDG 307	C	Building Materials	2	0	3	3
CVE 317	C	Structural Analysis I	2	1	0	3
<b>QSV 305</b>	<b>R</b>	<b>Tendering for Construction Works</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>
<b>CSC 201</b>	<b>R</b>	<b>Introduction to Fortran Programming</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>3</b>
<b>ESM 205</b>	<b>R</b>	<b>Introductory Law and Torts</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>
EMT 301	R	Introduction to Entrepreneurship	2	0	0	2
	Total					21

300 LEVEL 2ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
BDG 302	C	Building Construction IV	2	0	3	3
BDG 304	C	Building Maintenance II	1	0	3	2
BDG 306	C	Building Services II (Electrical)	1	0	3	2
CVE 306	R	Soil Mechanics	2	0	3	3
CVE 318	C	Reinforced Concrete Design I	1	1	0	2
QSV 306	R	Estimating and Price Analysis I	1	1	0	2
<b>MEE 206</b>	<b>R</b>	<b>Basic Thermodynamics</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>3</b>
EMT 302	R	Practical Skills in Entrepreneurship	0	0	9	3
		Elective				2
	Total					22
Elective Courses						
BDG 308	E	Case Studies of Selected Building Materials	0	0	6	2
<b>BDG 310</b>	<b>E</b>	<b>Business Accounting for Construction Industry</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>

400 LEVEL 1 <sup>ST</sup> SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
BDG 401	C	Building Construction V	1	0	3	2
BDG 403	C	Principles of Construction Management	2	0	0	2
BDG 405	C	Building Services III (Acoustics & Ventilation)	1	0	3	2
BDG 407	C	Operations Research in Building	2	0	0	2
BDG 409	C	ICT Application to Building Processes	1	0	3	2
BDG 411	C	Integrated Building Studio	0	0	3	1
CVE 413	C	Reinforced Concrete Design II	1	1	0	2
QSV 403	R	Construction Economics	2	1	0	3
QSV 405	R	Construction Concrete Law	1	1	0	2
<b>QSV 415</b>	<b>R</b>	<b>Estimating and Price Analysis II</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>
		Elective	2	0	0	2
	Total					22
<b>Elective Courses</b>						
BDG 413	E	Construction Budgeting and Finance	1	1	0	2
BDG 415	E	Sanitation in Building and Environment	2	0	0	2
URP 307	E	Site Selection and Planning	1	0	3	2

400 LEVEL 2 <sup>ND</sup> SEMESTER LONG VACATION STUDENTS INDUSTRIAL WORK						
COURSE CODE		COURSE TITLE	L	T	P	Units
<b>BDG 404</b>	C	Industrial Training Assessed by FUTA Supervisors	0	0	0	<b>4</b>
<b>BDG 402</b>	C	Industrial Training Assessed by Industrial based Supervisors	0	0	0	<b>4</b>
<b>BDG 406</b>	C	Students Report and Seminar presentation	0	0	0	<b>4</b>
	Total					<b>12</b>

500 LEVEL 1 <sup>ST</sup> SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Units
BDG 501	C	Construction Technology I	2	0	3	3
BDG 503	C	Practice of Concrete Management	2	1	0	3
BDG 505	C	Quality Management of Building	1	1	0	2
BDG 507	C	Building Codes, Regulation and Control	1	1	0	2
BDG 509	C	Research Methodology	1	0	3	2
CVE 529	C	Design of Steel Structures	2	1	0	3
<b>BDG 599</b>	<b>C</b>	<b>Final Year Student's Project</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>6</b>
		Elective				2
	Total					23
<b>Elective Courses</b>						
BDG 511	E	Design of Timber Structures	1	1	0	2
BDG 513	E	Industrialized Systems Building	1	0	3	2
BDG 515	E	Facilities Management	1	0	3	2

<b>500 LEVEL 2ND SEMESTER</b>						
<b>COURSE CODE</b>		<b>COURSE TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Units</b>
BDG 502	C	Construction Technology II	2	0	3	3
BDG 504	C	Building Production	2	1	0	3
BDG 506	C	Professional Practice	2	1	0	3
BDG 508	C	Project management in Construction	1	1	0	2
BDG 510	C	Buildability and Maintainability	1	0	3	2
BDG 512	C	Construction Health and Safety Management	1	0	3	2
		Elective				2
	Total					17
<b>Elective Courses</b>						
BDG 514	E	Green and Intelligent Buildings	1	0	3	2
BDG 516	E	Foundation Design and Construction	1	1	0	2
BDG 518	E	Building Resource Management	1	1	0	2

