

DEPARTMENT OF BUILDING

100 Level First Semester Courses

Course code	Course Designation	U	PRE-REQUISITE
BLD111	Introduction to Building	2	
BLD112	Structural Mechanics I	2	
GNS101	Use of English Language I	2	
MTH111	Elementary Algebra I	3	
MTH112	Calculus I	3	
PHY171	Basic Experimental Physics I	1	
PHY183	Intro. to Mech. & Properties of Matter	3	
CHM101	Foundation Chemistry I	4	

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200 Level First Semester Courses

Course	Course Designation	U	PRE-REQUISITE
BLD211	Building Construction and Material I	3	
BLD212	Building Construction Technology I	2	
BLD214	Strength of Materials I	2	BLD122
GNS201	Information Science	2	
SAG211	Plane Surveying I	2	
MTH212	Mathematical Methods I	3	
SET114	Introduction to Surveying	3	
SET214	Introduction to Building Const and Materials	2	
SET215	Law of Contract	2	
QS214	Measurement of Building Works I	2	

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300 Level First Semester Courses

Course	Course Designation	U	Pre-Requisite
BLD311	Building Construction Technology III	2	BLD222
BLD312	Structural Theory and Design I	2	BLD224
BLD313	Building Maintenance I	2	-
BLD314	Building Services and Equipment I	2	-
BLD316	Soil Mechanics and Engineering Geology I	3	
BLD317	Thermodynamics	2	
GNS301	Entrepreneurships and Innovation	2	
QS313	Tendering, Estimating and Price Analysis I	2	
SET115	Introduction to Planning	3	
SET311	Art History and Concepts	3	

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400 Level First Semester Courses

Course	Course Designation	U	Pre-Requisite
BLD411	Principles of Construction Management	3	
BLD412	Operational Research	2	
BLD413	Building Design	2	-
BLD414	Building Services and Equipments III	2	BLD324
BLD415	Project Planning and Control	2	
BLD416	Contract Law and Arbitration	2	
BLD417	Reinforced Concrete Design II	2	BLD322
BLD418	Construction Economics	2	
BLD419	Concrete Technology II	2	
BLD410	Research Methodology	2	

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500 Level First Semester Courses

Course Code	Course Designation	U	Pre-Requisite
BLD511	Advance Construction Technology I	3	
BLD512	Project Management	2	
BLD513	Professional Practice and Ethics	2	
BLD514	Project/Seminar I	3	
BLD515	Case Study of Glass in Building	2	
BLD516	Design of Steel Structures	3	
BLD517	Budgeting and Finance I	2	
BLD518	Building Regulation, Law and Control	2	
BLD519	Building Production Management I	2	

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SECOND SEMESTER COURSES FOR BUILDING**100 Level Second Semester Courses**

Course	Course Designation	U	PRE-REQUISITE
BLD121	Environmental Sciences	2	
BLD122	Structural Mechanics II	2	BLD112
BLD123	Building Graphics	2	
BLD124	Principles of Economics for Builders	2	
CHM102	Foundation Chemistry II	4	
GNS102	Use of English Language II	2	
MTH121	Elementary Algebra II	4	
MTH122	Calculus II	4	
PHY172	Basic Experiment Physics II	1	

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200 Level Second Semester Courses

Course	Course Designation	U	PRE-REQUISITE
BLD221	Building Construction and Material II	2	BLD211
BLD222	Building Construction Technology II	2	BLD212
BLD223	Building drawing	2	BLD123
BLD224	Strength of Materials II	2	BLD214
BLD226	Elements of Business Management	2	
GNS202	Nigerian Peoples and Culture	2	
SAG221	Plane Surveying II	2	SAG211
CS142	Introduction to Computer Science	3	
SET124	Freehand drawing	2	
GNS222	Peace and conflict resolution studies	2	
QS224	Measurement of Building Works II	2	QS214

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NB

ALL D.E STUDENT SHOULD ADD GNS102 USE OF ENGLISH LANG. II 2UNITS

300 Level Second Semester Courses

Course	Course Designation	U	Pre-Requisite
BLD321	Building Construction Technology IV	2	BLD311
BLD322	Reinforced Concrete Design I	2	BLD312
BLD323	Building Maintenance II	2	BLD313
BLD324	Building Services and Equipment II	2	BLD314
BLD325	Concrete Technology I	2	-
BLD326	Soil Mechanics and Engineering Geology II	2	BLD316
BLD327	Computer Application for Builders	2	-
GNS302	Business Creation and Growth	2	-
QS323	Tendering, Estimating and Price Analysis II	2	QS313
SET221	Intro. to Env. & Sustainability Devt.	3	

PLUS ONE ELECTIVE BELOW

BLD328	Case Study of Clay in Building	2	
BLD329	Case Study of Timber in Buildings	2	

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400 Level Second Semester Courses

Course	Course Designation	L	T	P	U	Pre-Req
SIWES2	Student Industrial Work	0	0	4	4	Above

Experience Scheme

12units

500 Level Second Semester Courses

Course	Course Designation	U	Pre-Requisite
BLD521	Advanced Construction Technology II	3	BLD511
BLD522	Facilities Management	2	-
BLD523	Specification Writing	2	-
BLD524	Project Dissertation	3	BLD514
BLD525	Development of New Building Materials	2	-
BLD526	Productivity Studies on Site	2	-
BLD527	Budgeting and Finance II	2	BLD517
BLD528	Construction Plants and Equipments	2	-
BLD529	Building Production Management II	2	-