



LAGOS STATE POLYTECHNIC
SCHOOL OF PURE AND APPLIED SCIENCES
DEPARTMENT OF CHEMICAL SCIENCE
NEW CURRICULUM FOR HND I (CHEMISTRY OPTION) (FIRST SEMESTER)

COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	COURSE UNITS	PREREQUISITE
STC 311	INORGANIC CHEMISTRY I		3	5	3	
STC 312	PHYSICAL CHEMISTRY I		3	5	3	
STC 313	ORGANIC CHEMISTRY I		3	5	3	
STC 314	ANALYTICAL CHEMISTRY I		3	5	3	
GLT 311	LABORATORY MANAGEMENT		0	2	2	
GLT 312	GENERAL INSTRUMENTATION		3	5	3	
STC 316	HIGHER TECHNICAL ENGLISH		3	5	3	
	TOTAL		18	32	20	



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NEW CURRICULUM FOR HND I (CHEMICAL OPTION) (SECOND SEMESTER)

COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	COURSE UNIT	PREREQUISITE
STC 323	INDUSTRIAL CHEMISTRY		3	5	3	
STC 322	KINETIC & PHYSICAL CHEMISTRY II		3	5	3	
STC 324	ANALYTICAL CHEMISTRY II		3	5	3	
STC 321	POLY FUNCTIONAL COMPOUND		3	5	3	
STC 325	BIOCHEMISTRY FOR CHEMISTRY		3	5	3	
GLT 323	BIOLOGICAL AND CHEMICAL INSTRUMENTATION		3	5	3	
CCE 300	COMPULSORY COMPUTER EDUCATION III		2	2	0	
STC 326	RESEARCH METHODS		2	4	2	
STA 305	BIOMETRIC		1	3	3	
	TOTAL		23	39	23	



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COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	CREDIT UNIT	PREREQUISITE
STC 411	INORGANIC CHEMISTRY II		3	5	3	
STC 412	PHYSICAL CHEMISTRY III (CHEMICAL THERMODYNAMICS)		3	5	3	
STC 413	ORGANIC & HETEROCYCLIC CHEMISTRY		3	5	3	
STC 414	ANALYTICAL CHEMISTRY III		3	5	3	
STC 415	PETROLEUM AND PETROCHEMICALS		3	5	3	
STC 416	COMPUTER APPLICATIONS IN CHEMISTRY		3	4	2	
EED 413	ENTREPRENEURSHIP DEVELOPMENT		3	4	3	
STA 418	SMALL BUSINESS MANAGEMENT II		1	2	1	
	TOTAL		22	35	21	



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COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	CREDIT UNIT	PREREQUISITE
STC 421	MEDICINAL CHEMISTRY	2	3	5	3	
STC 422	ELECTROCHEMISTRY & PHOTOCHEMISTRY	1	3	5	3	
STC 423	NATURAL PRODUCTS & STEREOCHEMISTRY	1	3	5	3	
STC 424	FOOD CHEMISTRY & BREWING	2	2	4	3	
STC 426	PROJECT (CHEMISTRY)	1	12	12	4	
STC 425	SEMINAR (CHEMISTRY)	2	0	1	1	
STH 422	FORENSIC BIOCHEMISTRY		3	4	2	
CCE 400	COMPULSORY COMPUTER EDUCATION IV		2	0	0	
GNS 402	LITERARY APPRECIATION AND ORAL PRESENTATION		3	4	2	
	TOTAL	13	31	40	21	