

Chemical Engineering Dept. Courses Courses

1	Level	Sem	Code	Code	Title	Units	Status
2	100 Level	1st	CHM101	785	Foundation chemistry i	4	Compulsory
3	100 Level	1st	GNS101	1169	Use of English I	2	Compulsory
4	100 Level	1st	GNS201	1171	Information Science	2	Compulsory
5	100 Level	1st	MTH111	1508	Elementary Algebra I	3	Compulsory
6	100 Level	1st	MTH112	1509	Calculus I	3	Compulsory
7	100 Level	1st	PHY171	1625	Basic Experimental Physics	1	Compulsory
8	100 Level	1st	PHY183	1629	Intro mechanics and properties of matters	3	Compulsory
9	100 Level	1st	PHY184	1630	Introduction heat and sound	3	Compulsory
10	100 Level	2nd	CHM102	786	Foundation Chemistry II	4	Compulsory
11	100 Level	2nd	CS142	841	Introduction to Computer Science	3	Compulsory
12	100 Level	2nd	GNS102	1170	Use of English II	2	Compulsory
13	100 Level	2nd	GNS202	1172	Nigerian People and Culture	2	Compulsory
14	100 Level	2nd	MTH121	1511	Elementary algebra II	4	Compulsory
15	100 Level	2nd	MTH122	1512	Calculus II	4	Compulsory
16	100 Level	2nd	PHY172	1626	Basic Experimental Physics	1	Compulsory
17	100 Level	2nd	PHY188	1633	Introduction to Electricity and Magnetism	3	Compulsory
18	200 Level	1st	CE211	652	Strength of Materials I	2	Compulsory
19	200 Level	1st	CHM201	787	Intro. to Chemistry	5	Compulsory
20	200 Level	1st	EE211	924	Elect. Engineering Fundamentals	3	Compulsory
21	200 Level	1st	EG210	1022	Engineering Laboratory I	3	Compulsory

22	200 Level	1st	ES217	1134	Engineer in society	2	Compulsory
23	200 Level	1st	ME212	1433	Engineering Drawing I	2	Compulsory
24	200 Level	1st	ME213	1434	Thermo Sciences I	2	Compulsory
25	200 Level	1st	ME214	1435	Manuf.tech/wshop practice I	1	Compulsory
26	200 Level	1st	MTH212	1515	Mathematical Methods I	3	Compulsory
27	200 Level	2nd	CE222	654	Strength of materials II	2	Compulsory
28	200 Level	2nd	CHM231	790	Organic chemistry	3	Compulsory
29	200 Level	2nd	EE222	926	Electrical Engineering Fundamentals II	3	Compulsory
30	200 Level	2nd	EG220	1023	Engineering Laboratory II	3	Compulsory
31	200 Level	2nd	GNS222	1173	Peace and Conflict Resolution Studies	2	Compulsory
32	200 Level	2nd	ME223	1438	Engineering Drawing II	2	Compulsory
33	200 Level	2nd	ME225	1440	Workshop Practice II	1	Compulsory
34	200 Level	2nd	ME226	1441	Materials Science	2	Compulsory
35	200 Level	2nd	MTH222	1518	Mathematical Methods II	3	Compulsory
36	200 Level	2nd	CHE221	2326	Intro. to Chemical Engineering	3	Compulsory
37	300 Level	1st	EA311	882	Intro. eng. statistics	3	Compulsory
38	300 Level	1st	EIT230	1024	Student industrial work experience programme	2	Compulsory
39	300 Level	1st	MTH337	1531	Numerical analysis	3	Compulsory
40	300 Level	1st	GNS301	2010	Entrepreneurship and Innovation	2	Compulsory
41	300 Level	1st	CHE311	2022	Transport Phenomena I	3	Compulsory
42	300 Level	1st	CHE312	2023	Chemical Engineering Thermodynamics I	3	Compulsory
43	300 Level	1st	CHE313	2024	Chemical Engineering Kinetics	3	Compulsory
44	300 Level	1st	CHE314	2025	Environment Pollutiion and Control	3	Compulsory

	Level						
45	300 Level	1st	CHE315	2026	Chemical Engineering Laboratory I	2	Compulsory
46	300 Level	2nd	GNS302	2011	Business Creation and Growth	2	Compulsory
47	300 Level	2nd	CHE324	2312	Chemical Engineering Materials	3	Compulsory
48	300 Level	2nd	CHE325	2313	Chemical Engineering Laboratory II	2	Compulsory
49	300 Level	2nd	CHE326	2314	Computer Applications in Chem. Eng	3	Compulsory
50	300 Level	2nd	CHE321	2320	Transport Phenomena II	3	Compulsory
51	300 Level	2nd	CHE322	2327	Unit Operations I	3	Compulsory
52	300 Level	2nd	CHE323	2329	Chemical Process Industries	3	Compulsory
53	400 Level	1st	EIT330	1025	Student Industrial work experience programme	2	Compulsory
54	400 Level	1st	ENG411	1124	Engineering tech.I communication	2	Compulsory
55	400 Level	1st	ME417	1463	Law and management	2	Compulsory
56	400 Level	1st	CHE411	2419	Chemical Reaction Engineering I	3	Compulsory
57	400 Level	1st	CHE412	2420	Unit Operations II	3	Compulsory
58	400 Level	1st	CHE413	2421	Chemical Engineering Thermodynamics II	3	Compulsory
59	400 Level	1st	CHE414	2422	Loss Prevention	2	Compulsory
60	400 Level	1st	CHE415	2423	Process Plant Design and Economics	3	Compulsory
61	400 Level	1st	CHE416	2424	Chemical Engineering Laboratory III	2	Compulsory
62	500 Level	1st	CHE511	776	Process Dynamics and Control	3	Compulsory
63	500 Level	1st	CHE519	2425	Polymer Science and Technology	3	Compulsory
64	500 Level	1st	CHE535	2426	Cement and Lime Technology	3	Compulsory
65	500 Level	1st	CHE515	2427	Chemical Reaction Engineering II	2	Compulsory

	Level						
66	500 Level	1st	CHE516	2428	Chemical Eng. Entrepreneurship	2	Compulsory
67	500 Level	1st	CHE517	2429	Process Modelling and Simulation	3	Compulsory
68	500 Level	1st	CHE518	2430	Pulp and Paper Technology	3	Elective
69	500 Level	1st	CHE531	2431	Soap and Detergent Technology	3	Elective
70	500 Level	1st	CHE533	2432	Sugar Technology	3	Elective
71	500 Level	1st	CHE532	2433	Petroleum Reservoir Engineering	3	Elective
72	500 Level	1st	EIT430	2608	Industrial Training	4	Compulsory

73	500 Level	2nd	CHE521	2434	Process Optimization	3	Compulsory
74	500 Level	2nd	CHE522	2435	Research Project	6	Compulsory
75	500 Level	2nd	CHE523	2436	Design Project	6	Compulsory
76	500 Level	2nd	CHE524	2437	Biochemical Engineering	3	Compulsory
77	500 Level	2nd	CHE525	2438	Process Plant Maintenance and Services	3	Elective
78	500 Level	2nd	CHE526	2439	Petrochemical Technology	3	Elective
79	500 Level	2nd	CHE527	2440	Process integration and pinch technology	3	Elective
80	500 Level	2nd	CHE528	2441	Solid Minerals Processing	3	Elective
81	500 Level	2nd	CHE529	2442	Fermentation Technology	3	Elective