DEGREE OF BACHELOR OF SCIENCE IN ENGINEERING (CHEMICAL) (07H81216)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Bachelor of Science in Engineering

All the courses listed below are prescribed for this degree

PROGRAMME YEAR 1 – 120 Credit Points

First Half Session			Second Half Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
PD 1001	Professional Skills Part 1	0			
EG 1008	Principles of Electronics	15	CM 1513	Chemistry for the Physical Sciences 2	15
EG 1010	CAD and Communications in Engineering Practice	15	EG 1504	Engineering Mathematics 1	15
EG 1012	Fundamentals of Engineering Materials	15	EG 1510	Fundamental Engineering Mechanics	15
Plus 30 credit points from courses of choice.					

PROGRAMME YEAR 2 – 120 Credit Points

First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
CM 2010	Energetics of Change in Chemical and Biological Processes	15	CM 2514	Organic and Biological Chemistry	15
EG 2004	Fluid Mechanics and Thermodynamics	15	EG 2501	Design and Computing	15
EG 2011	Process Engineering	15	EG 2503	Electrical and Mechanical Systems	15
EG 2012	Engineering Mathematics 2	15			
Plus 15 credit points from courses of choice.					

PROGRAMME YEAR 3 – 120 Credit Points

First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
EG 3007	Engineering Analysis and Methods 1	15	EX 3501	Chemical Reaction Engineering	15
EX 3029	Chemical Thermodynamics	15	EX 3502	Separation Processes 1	15
EX 3030	Heat, Mass & Momentum Transfer	15	EX 3503	Chemical Engineering Design	10
EM 3019	Fluid Mechanics	15	EX 3504	Process Modelling	10
			EG 3599	Project & Safety Management	10

Notes	
1.	This degree is an Ordinary Degree programme and is not professionally accredited.
2.	To graduate, candidates must obtain at least 360 credit points from the courses specified above, to include all compulsory courses at Levels 1 and 2, plus at least 90 credit points from Level 3 courses (ie, those courses coded EA/EE/EG/EM/EP/EX 3XXX).
3.	All course choices at Level 2 and above are subject to students holding the appropriate pre-requisites.
4.	**Please consult the BScEng Supplementary Regulations for further details.**