DEGREE OF BACHELOR OF ENGINEERING IN ENGINEERING (CIVIL) (07H20052)

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

The courses listed below in bold are all 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	EG 1504	Engineering Mathematics 1	15
EG 1010	CAD and Communications in Engineering Practice	15			
EG 1012	Fundamentals of Engineering Materials	15	EG 1510	Fundamental Engineering Mechanics	15
Plus 45 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**
EG 2004	Fluid Mechanics and Thermodynamics	15	EA 2502	Solids and Structures	15
EG 2011	Process Engineering	15	EG 2501	Design and Computing in Engineering Practice	15
EG 2012	Engineering Mathematics 2	15	EG 2503	Electrical and Mechanical Systems	15
Plus 30 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**
EA 3027	Geotechnics 1	15	EA 3518	Mechanics of Structures	15
EG 3007	Engineering Analysis and Methods 1	15	EA 3519	Design of Structural Elements	15
EM 3015	Stress Analysis A	15	EA 3538	Structural Dynamics	10
EM 3019	Fluid Mechanics	15	EA 3720	Civil Engineering Design and Surveying	10
			EG 3599	Project & Safety Management	10

PLEASE SEE OVER →

PROGRAMME YEAR 4 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit points**	**Course Code**	**Course Title**	**Credit points**
EG 4014	BEng Individual Project				30
EA 40JE	Geotechnics 2	10	EG 4578	Group Design Project (BEng)	15
EA 40JF	Civil Engineering Hydraulics	10	Plus one of the following courses		
EA 40JG	Advanced Structural Design	10	EA 4526	Advanced Structural Analysis	15
			EA 4527	Environmental Engineering	15
			EM 4529	Nonlinear Mechanics	15
Plus 30 credit points from courses of choice.					
OR					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit points**	**Course Code**	**Course Title**	**Credit points**
EG 4011	Individual Project Abroad (BEng)				60
EA 40JE	Geotechnics 2	10			
EA 40JF	Civil Engineering Hydraulics	10			
EA 40JG	Advanced Structural Design	10			
Plus 30 credit points from courses of choice in the first half session.					

Notes	
1.	This programme is accredited by the Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE), the Institute of Highway Engineers (IHE) & the Chartered Institution of Highways & Transportation (CIHT) as partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning will be required to complete the educational base for CEng. This programme would fully satisfy the educational base for Incorporate Engineer (IEng) registration.
2.	All course choices at Level 2 and above are subject to students holding the appropriate pre-requisites.
3.	Candidates seeking entry to the Junior Honours programme must have accumulated, by award or recognition, or been exempted from, at least 240 credit points at levels 1 and 2, including those compulsory courses required to enter programme year 3.