

**DEGREE OF BACHELOR OF ENGINEERING IN ENGINEERING (CIVIL ENGINEERING)
(07H00252)**

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

The courses listed below are prescribed for this degree

PROGRAMME YEAR 1 – 15 Credit Points					
First Half Session			Second Half Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
			EG 15H1	Fundamentals of Engineering Materials 1	7.5
			EG 15H2	Fundamentals of Engineering Materials 2	7.5
Plus 105 credit points from courses delivered by HEU					

PROGRAMME YEAR 2 – 45 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
EG 20H1	Engineering Design and Computing	7.5	EG 25H4	Engineering Analysis and Numerical Methods	7.5
EG 20H2	Thermodynamics	7.5	EG 25H8	Electrical and Mechanical Systems	7.5
EG 20H7	Fluid Mechanics for Civil Engineers 1	7.5	EG 25H9	Geotechnics 1A	7.5
Plus 75 credit points from courses delivered by HEU					

PROGRAMME YEAR 3 – 45 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
EG 30H2	FE Methods	7.5	EG 35H1	Geotechnics 1B	7.5
EG 30H3	Fluid Mechanics for Civil Engineers 2	7.5	EG 35H4	Structural Dynamics	7.5
EG 30H5	Plastic Analysis	7.5	EG 35H6	Project and Safety Management	7.5
Plus 75 credit points from courses delivered by HEU					

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 (See Note 1)				30
EA 40JE	Geotechnics 2	10	EG 4578	Group Design Project (BEng)	15
EA 40JF	Civil Engineering Hydraulics	10	Plus 30 credit points from courses of choice at Levels 3 and 4		
EA 40JG	Advanced Structural Design	10			
Plus one course from the following two:					
EA 4026	Advanced Structural Analysis	15			
EA 4027	Environmental Engineering	15			

Notes	
1.	EG4014 will commence in the 1 st Half-Session and credits will be awarded by the 2 nd Half-Session examination diet. It is an expectation that candidates allocate the equivalent of 15 credit points of effort to EG4014 during the 1 st Half-Session and 15 credit points of effort during the 2 nd Half-Session.