

**DEGREE OF MASTER OF ENGINEERING IN CIVIL ENGINEERING  
WITH SUBSEA TECHNOLOGY (07H24154)**

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Master of 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	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 1A	15	EA 3519	Design of Structural Elements	15
			EA 3538	Structural Dynamics	10
EM 3015	Stress Analysis A	15	EA 3720	Civil Engineering Design and Surveying	10
EM 3019	Fluid Mechanics	15	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 4013	MEng Individual Project				45
EA 40JE	Geotechnics 2	10	EA 4526	Advanced Structural Analysis	15
EA 40JF	Civil Engineering Hydraulics	10			
EA 40JG	Advanced Structural Design	10			
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
EA 40JE	Geotechnics 2	10	EG4513	Individual Project Abroad (MEng)	60
EA 40JF	Civil Engineering Hydraulics	10			
EA 40JG	Advanced Structural Design	10			
Plus 30 credit points from courses of choice in first half session.					

PROGRAMME YEAR 5 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
EA 50JG	Offshore Structural Design	15	EG 5565	MEng Group Design	30
EG 501W	The Engineer in Society	15	EG 55F2	Pipelines and Soil Mechanics (see Note 2)	15
EG 50R1	Offshore Structures and Subsea Systems (see Note 2)	15	EG 55F6	Risers Systems and Hydrodynamics (see Note 2)	15
EG 50T9	Structural Vibrations	15			

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 fully satisfying the educational base for a chartered Engineer (CEng)
2.	EG 50R1 <i>Offshore Structures and Subsea Systems</i> , EG55F2 <i>Pipelines and Soil Mechanics</i> and EG 55F6 <i>Riser Systems and Hydrodynamics</i> are compulsory courses for this programme of study and must be passed in order to be eligible to graduate from this accredited degree programme. Regulation 13 of the <i>Supplementary Regulations for the Degree of Master of Engineering</i> applies to these courses.
3.	All course choices at Level 2 and above are subject to students holding the appropriate pre-requisites.
4.	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. Students will also be expected to meet the standards required for MEng as publicised in the Student Handbook.