

DEGREE OF BACHELOR OF ENGINEERING IN ENGINEERING (07H10052)

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 1504	Engineering Mathematics 1	15
EG 1008	Principles of Electronics	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	EG 2501	Design and Computing in Engineering Practice	15
EG 2011	Process Engineering	15	EG 2503	Electrical and Mechanical System	15
EG 2012	Engineering Mathematics 2	15			
Plus 45 credit points from courses of choice.					

In order to be eligible to proceed to one of the discipline specific honours programmes in Engineering, all candidates must select discipline breadth options which satisfy the requirements of at least one discipline specific honours programme. The following table is provided as a guide to aid course choice for general engineering students.

	CM 1513	EE 1501	CM 2015	CM 2514	EA 2502	EE 2504	GL 2512
BENG CHEMICAL ENGINEERING	•		•	•			
BENG CIVIL AND ENVIRONMENTAL ENGINEERING					•		
BENG CIVIL AND STRUCTURAL ENGINEERING					•		
BENG CIVIL ENGINEERING					•		
BENG ELECTRICAL AND ELECTRONIC ENGINEERING		•				•	
BENG MECHANICAL AND ELECTRICAL ENGINEERING		•			•	•	
BENG MECHANICAL ENGINEERING		•			•		
BENG MECHANICAL ENGINEERING WITH OIL AND GAS STUDIES		•			•		
BENG PETROLEUM ENGINEERING	•				•		•

Notes	
1.	Candidates registering for this degree programme who wish to register for CM 1513 Chemistry for the Physical Sciences 2 should note that CM 1021 Chemistry for the Physical Sciences 1 is a pre-requisite for this course and must therefore also be selected.
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 225 credit points at levels 1 and 2, including those compulsory courses required to enter programme year 3. If missing one compulsory course which is a pre requisite course for level 3, Head of School approval will be required to progress into Junior Honours, if approval is not granted students would progress onto programme year 3 on the BScEng degree programme.