

DEGREE OF BACHELOR OF SCIENCE IN ENGINEERING (MECHANICAL AND ELECTRICAL)

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

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 1002	Getting Started at the University of Aberdeen	0	EG 1504	Engineering Mathematics 1	15
EG 1008	Principles of Electronics	15		EG 1510	Fundamental Engineering Mechanics
EG 1010	CAD and Communication in Engineering Practice	15	EG 1513	Circuit Analysis and Design	15
EG 1012	Fundamentals of Engineering Materials	15			
Plus 15 credit points from courses of choice at Levels 1 or 2			Plus 15 credit points from courses of choice at Levels 1 or 2		

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 Systems	15
EG 2012	Engineering Mathematics 2	15	EG 2513	Solids and Structures	15
Plus 15 credit points from courses of choice at Levels 1 or 2			EG 2514	Electronic Systems	15

PROGRAMME YEAR 3 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
EE 3043	Control Systems	15	EE 3557	Electrical Power Engineering	15
EG 3007	Engineering Analysis and Methods 1A	15	EG 3505	Engineer in Society	10
			EM 3511	Dynamics 1	15
EM 3019	Fluid Mechanics	15	EM 3521	Engineering Thermodynamics	10
EM 3028	Engineering Materials	15	EM 3522	Design of Mechanical Elements	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 prescribed courses at Level 3.
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.