DEGREE OF BACHELOR OF ENGINEERING IN ENGINEERING (ELECTRICAL AND ELECTRONIC) (07H50052)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Bachelor 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 1002	Getting Started at the University of Aberdeen	0	EE 1501	Electronics Design	15
EG 1008	Principles of Electronics	15			
EG 1010	CAD and Communication in Engineering Practice	15	EG 1504	Engineering Mathematics 1	15
EG 1012	Fundamentals of Engineering Materials	15	EG 1510	Fundamental Engineering Mechanics	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	EE 2504	Electronic Systems	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 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 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
EE 3053	Signals, Systems and Signal Processing	15	EE 3580	Digital Systems	15
			EE 3576	Communications Engineering 1	10
EE 3093	C/C++ Programming	15	EE 3579	Electrical and Electronics Engineering Design	10
EG 3007	Engineering Analysis and Methods 1A	15	EG 3599	Project and Safety Management	10

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 4)				30
EE 4017	Sensing and Instrumentation	10	EG 4578	Group Design Project (BEng)	15
EE 40FE	Electrical Machines and Drives	10	EE 4546	Communications Engineering 2	15
EE 40GA	Computer and Software Engineering	10			
Plus 15 credit points from courses of choice at Levels 3 or 4			Plus 15 credit points from courses of choice at Levels 3 or 4		

PLEASE SEE OVER →

Notes	
1.	This programme is accredited by the IET 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 (Programme Year 3) must have accumulated, by award or recognition, or been exempted from, at least 240 credit points at levels 1 and 2, including all courses prescribed for this degree programme. Candidates who do not meet this progression requirement but who do meet the requirements for progression to Programme Year 3 of the DEGREE OF BACHELOR OF SCIENCE IN ENGINEERNG (ELECTRICAL AND ELECTRONIC) may transfer to this programme with a view to transferring back to an honours programme for the commencement of Programme Year 4.
4.	EG4014 will commence in 1st Half-Session and credits will be awarded at the 2nd Half-Session examination diet. It is an expectation that candidates allocate the equivalent of 15 credit points of effort to EG4013 during the 1st Half-Session and 15 credit points of effort during the 2nd Half-Session.