

DEGREE OF BACHELOR OF SCIENCE IN ENGINEERING (ELECTRONIC AND SOFTWARE ENGINEERING)

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	CS 1533	Computer Systems and Architecture	15
CS 1032	Programming 1	15	EG 1504	Engineering Mathematics 1	15
EG 1008	Principles of Electronics	15	EG 1510	Fundamental Engineering Mechanics	15
EG 1010	CAD and Communication in Engineering Practice	15	EG 1513	Circuit Analysis and Design	15
EG 1012	Fundamentals of Engineering Materials	15			

PROGRAMME YEAR 2 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
CS 1029	Modelling and Programme Solving for Computing	15	CS 2513	Mathematics for Computer Science	15
CS 2020	Software Programming	15	CS 2522	Algorithms and Data Structures	15
CS 2019	Databases and Data Management	15	EG 2501	Design and Computing in Engineering Practice	15
EG 2012	Engineering Mathematics 2	15	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
CS 3028	Principles of Software Engineering	15	CS 3528	Software Engineering and Professional Practice	15
EE 3053	Signals, Systems and Signal Processing	15	EE 3576	Communications Engineering 1	10
EE 3093	C/C++ Programming	15	EE 3579	Electrical and Electronics Engineering Design	10
EE 3093	C/C++ Programming	15	EE 3580	Digital Systems	15
EG 3007	Engineering Analysis and Methods 1A	15	EG 3505	Engineer in Society	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.	Please consult the BScEng Supplementary Regulations for further details.