DEGREE OF BACHELOR OF ENGINEERING IN CHEMICAL ENGINEERING (07H81352)

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	CM 1513	Chemistry for the Physical Sciences 2	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**
CM 2015	Chemical Kinetics and Thermodynamics	15	CM 2514	Organic and Biological Chemistry	15
EG 2004	Fluid Mechanics and Thermodynamics	15	EG 2501	Design and Computing in Engineering Practice	15
EG 2011	Process Engineering	15			
EG2012	Engineering Mathematics 2	15			
			EG 2503	Electrical and Mechanical Systems	15
			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**
EG 3007	Engineering Analysis and Methods 1A	15	EG 3599	Project and Safety Management	10
EM 3019	Fluid Mechanics	15	EX 3501	Chemical Reaction Engineering	15
EX 3029	Chemical Thermodynamics	15	EX 3502	Separation Processes 1	15
EX 3030	Heat, Mass & Momentum Transfer	15	EX 3503	Chemical Engineering Design	10
			EX 3504	Process Modelling	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
EX 4016	Biochemical Engineering	10	EG 4578	Group Design Project (BEng) (See Note 2)	15
EX 402A	Process Safety	10			
EX 40HC	Process Control	10	Plus 30 credit points from courses of choice at Levels 3 and 4		
EX 4030	Separation Processes 2	15			
OR					
EX 4016	Biochemical Engineering	10	EG 45PA	Individual Project Abroad (BEng)	45
EX 402A	Process Safety	10	EG 4578	Group Design Project (BEng)	15
EX 40HC	Process Control	10	(See Note 5)		
EX 4030	Separation Processes 2	15			
Plus 15 credit points from courses of choice at Levels 3 and 4					

PLEASE SEE OVER →

Notes	
1.	This programme is accredited by the IChemE 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 Incorporated 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 240 credit points from 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 (CHEMICAL) may transfer to this programme with a view to transferring back to an honours programme for the commencement of Programme Year 4. Candidates seeking to progress on, or transfer to, the MEng programme will, in addition to meeting the credit requirements set out in the General and Supplementary Regulations, be expected to meet the MEng GPA requirements as publicised in the School of Engineering Undergraduate Student Handbook.
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.
5.	Candidates undertaking EG 45PA Individual Project Abroad (BEng) will undertake EG4578 Group Design Project (BEng) remotely from their host institution.