

DEGREE OF BACHELOR OF SCIENCE IN ENGINEERING (CHEMICAL) (07H81216)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Bachelor of Science in 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 | | | |
| EG 1008 | Principles of Electronics | 15 | CM 1513 | Chemistry for the Physical Sciences 2 | 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 | EG 2503 | Electrical and Mechanical Systems | 15 |
| EG 2012 | Engineering Mathematics 2 | 15 | | | |
| Plus 15 credit points from courses of choice. | | | | | |

| 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 | 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 |
| EM 3019 | Fluid Mechanics | 15 | EX 3504 | Process Modelling | 10 |
| | | | EG 3599 | Project and Safety Management | 10 |

| Notes | |
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| 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 prescribed 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. |