

# HND Applied Chemistry (G87H 16)

## Section A — Mandatory section (all credits required)

Unit	SCQF level	Credit	Code
Presentation skills in Science	7	1	DG70 34
Information Technology: Applications software 1	7	1	D75X 34
Fundamental Chemistry: Theory and Practice	7	2	DH2K 34
Quality and Health and Safety systems in Science industries	7	1	DF82 34
Statistics for Science 1	7	1	DN8C 34
Physics 1	6	1	DN33 33
Mathematics for Science 1	6	1	DN8D 33
Instrumental Techniques: Theory and Practice 1	8	1	DH54 35
Instrumental Techniques: Theory and Practice 2	8	1	DH2N 35
Fundamental Concepts of Inorganic Chemistry	7	1	DP2N 34
Fundamental Concepts of Organic Chemistry	7	1	DP2P 34
Fundamental Concepts of Physical Chemistry	7	1	DP2R 34
Applied Sciences: Graded Unit 1	7	1	DJ89 34
Applied Chemistry: Graded Unit 2	8	2	DP50 35

## Section B — Minimum of 2 credits required

Unit	SCQF level	Credit	Code
Aromatic Chemistry	8	1	DP54 35
Base-catalysed reactions and organometallic reagents in organic synthesis	8	1	DP5W 35
Organic Stereochemistry	8	1	DX2H 35

## Section C — Minimum of 2 credits required

Unit	SCQF level	Credit	Code
Transition metal chemistry	8	1	DR0E 35
Main group inorganic chemistry	8	1	DV9F 35
Applications of transition metal compounds	8	1	DP5T 35

## Section D — Minimum of 2 credits required

Unit	SCQF level	Credit	Code
Electrochemistry	8	1	DP5V 35
Phase equilibrium and surface chemistry	8	1	DP5X 35
Thermodynamics and Kinetics	8	1	DP4N 35

## Section E — Optional Units (5 to 8 credits required)

Unit	SCQF level	Credit	Code
Environmental Chemistry	7	1	DP4Y 34
Medicinal Chemistry	8	1	DP4W 35
Biotechnology: An Introduction	7	1	DJ00 34
Environmental Sampling and Analysis	8	1	DT4X 35
Science Industry: Key Issues	7	1	DP9M 34
Physics 2	7	1	DN34 34
Mathematics for Science 2	7	1	DV9V 34
Statistics for Science 2	8	1	DV08 35
Food Science: Theory and Practice	8	1	DH9Y 35
Employment Experience 2	7	1	D77H 34
Fundamental Chemistry: An Introduction	6	1	DX29 33
Biochemistry: Theory and Practice	7	1	DH2J 34
Cell Biology: Theory and Practice	7	1	DJ1K 34
Microbiology: Theory and Practice	7	2	DH55 34
Environmental Biology	7	1	D033 13

## Optional Broadening Units

Unit	SCQF level	Credit	Code
Workplace communication in English	6	1	DE1K 33
Personal Development Planning	7	1	DE3R 34
Work Role Effectiveness (2003)	7	3	DG6E 34
Work Role Effectiveness (2003)	8	3	DG6G 35