

5 Award structure

5.1 Framework

Mandatory Units (22 credits)

Unit Title	Code	SCQF Credit points	SCQF level	SQA Credit Value
Presentation Skills in Science	DG70 34	8	7	1
Statistics for Science 1	DN8C 34	8	7	1
Information Technology Applications Software 1	D75X 34	8	7	1
Quality and Health & Safety Systems in Science Industries	DF82 34	8	7	1
Fundamental Chemistry: Theory and Practice	DH2K 34	16	7	2
Applied Sciences: Graded Unit 1	DJ89 34	8	7	1
Environmental Sciences: Graded Unit 2	DW7P 35	16	8	2
Earth Science	DN36 34	8	7	1
Instrumental Techniques: Theory and Practice 1	DH54 35	8	8	1
Environmental Chemistry	DP4Y 34	8	7	1
Terrestrial Ecosystems	DP4X 35	8	8	1
Cell Biology: Theory & Practice	DJ1K 34	8	7	1
Aquatic Ecosystems	DP4V 35	8	8	1
Environmental Biology	D033 13	8	7	1
Environmental Sampling and Analysis	DT4X 35	8	8	1
Plan an Environmental Management system	DV0N 35	16	8	2
Ecology and Ecosystems	DN37 34	8	7	1
Sustainable Development	DN38 34	8	7	1
Genetics	DP4P 34	8	7	1

Optional Units (8 credits)

Unit Title	Code	SCQF Credit points	SCQF level	SQA Credit Value
Bioinformatics	DV9D 35	8	8	1
Animal Biology	DP4L 34	8	7	1
Applied Biochemical Techniques	DG6Y 34	8	7	1
Biochemistry: Theory and Practice	DH2J 34	8	7	1
Biotechnology: An Introduction	DJ00 34	8	7	1
DNA Structure and Function	DJ6Y 34	8	7	1
Employment Experience 2	D77H 34	8	8	1
Pestology	DV9E 34	8	7	1
Immunological Techniques: Theory and Practice	DH2L 35	8	8	1
Immunotechnology: Theory and Practice	DH2M 35	8	8	1
Instrumental Techniques: Theory and Practice 2	DH2N 35	8	8	1
Plant Biology	DP4M 34	8	7	1
Microbiological Techniques: Theory and Practice	DH2P 35	16	8	2
Microbiology: Theory and Practice	DH55 34	16	7	2
Fundamental Chemistry: An Introduction	DX29 33	8	6	1
Animal and Plant Cell Culture: An Introduction	DH2H 34	8	7	1
Protein Structure and Function	DG6X 35	8	8	1
Mathematics for Science 1	DN8D 33	8	6	1
Environmental Awareness	F2G8 34	8	7	1
Pollution and Waste Management: An Introduction	F55S 35	8	7	1
Waste Management and Pollution Control	F55S 35	8	8	1
Monitoring and Analytical Methods for Environmental Science	F5T6 35	8	8	1
Energy and the Environment	F6BL 35	8	8	1

Broadening Units (Optional) up to a maximum of (5 credits)

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