

## BTEC Level 4 Diploma in Healthcare Science / Ophthalmic and Vision Science

Unit number	Unit name	Level	Credits	Guided learning hours
Mandatory units – Group A				
1	Skills for Lifelong Learning	4	2	16
2	Professional Practice and Person-centred Care	4	5	40
3	Legal and Ethical Context of Practice	4	3	24
4	Health, Safety and Security in the Healthcare Science Environment	4	3	25
5	Technical Scientific Services	4	5	40
6	Effective Communication in Healthcare	4	4	35
7	Audit, Research, Development and Innovation	4	5	20
8	Leadership and Teamwork	4	3	24
9	Teaching, Learning and Assessing Practical Skills	4	4	32
10	Continuing Personal and Professional Development	4	3	20
Optional units – Group B				
11	Scientific Basis of Healthcare Science: Clinical Science	4	25	200
14	Scientific Basis of Healthcare Science: Epidemiology and Public Health	4	10	80
63	Scientific Basis of Neurosensory Sciences: Applied Physics and Measurement	4	15	120
64	Scientific Basis of Neurosensory Sciences: Applied Anatomy, Physiology and Pathophysiology: The Nervous System	4	10	80
73	Ophthalmic and Vision Science: Applied Microbiology	4	6	52
74	Ophthalmic Pharmacology	4	6	48
75	<i>Instill Eye Medication for Purpose of Investigation or Treatment</i>	4	5	40
76	Anatomy, Physiology and Pathophysiology of the Visual System	4	6	48
77	<i>Imaging the Eye with Fundus Camera and Optical Coherence Tomography</i>	4	6	48
78	<i>Measure Visual Acuity</i>	3	3	17
79	<i>Visual Field Assessment</i>	3	5	40
80	<i>Measure Optical Prescriptions and Refractive Error</i>	3	6	42
Total			140	1091

The optional units are categorised as knowledge or competence units

The **knowledge units** are 11, 14, 63, 64, 73, 74, 76

The **competence units** are 75, 77, 78, 79, 80 and are in italics