Biology Matrix

Level 1	AS90161 **1.1** Carry out a practical biology investigation with direction 4 credits Internal	AS90162 **1.2** Process information to describe a use of biology knowledge with direction 2 credits Internal	AS90163 **1.3*** Describe the transfer of genetic information 3 credits External	AS90164 **1.4** Describe ecological characteristics found in two biological communities 3 credits Internal	AS90165 **1.5** Describe the control of an introduced species that affects native species 2 credits Internal	AS90166 **1.6** Describe the functioning of human digestive and skeleto-muscular systems 4 credits External	AS90167 **1.7** Describe plant processes 4 credits External	AS90168 **1.8*** Describe how humans use and are affected by micro-organisms 2 credits External	
Level 2	AS90457 **2.1** Carry out a practical biological investigation with supervision 3 credits Internal	AS90769 **2.2** Research the interaction between humans and an aspect of biology 3 credits Internal	AS90459 **2.3** Describe genetic variation and change 3 credits External	AS90460 **2.4** Investigate an interrelationship or pattern in an ecological population or community 3 credits Internal	AS90461 **2.5** Describe concepts and processes relating to ecology 3 credits External	AS90462 **2.6** Describe diversity in the structure and function of animals 3 credits External	AS90463 **2.7** Describe diversity in the structure and function of plants 3 credits External	AS90464 **2.8** Describe cell structure and function 3 credits External	
Level 3	AS90713 **3.1** Carry out a practical investigation into an aspect of an organisms ecological niche with guidance 4 credits Internal	AS90714 **3.2** Research a contemporary biological issue 3 credits Internal	AS90715 **3.3** Describe the role of DNA in relation to gene expression 4 credits External	AS90716 **3.4** Describe animal behaviour and plant responses in relation to environmental factors 4 credits External	AS90717 **3.5** Describe processes and patterns of evolution 3 credits External	AS90718 **3.6** Describe applications of biotechnological techniques 3 credits Internal	AS90719 **3.7** Describe trends in human evolution 3 credits External		

* A student cannot be credited with **either** of these standards **and** science 1.3 because of significant overlap of assessed outcomes.