**Biological Level of Analysis (BLOA)**

**General Learning Outcomes**

* Outline principles that define the BLOA SAQ only (SAQ 2012)
* Explain how principles that define the BLOA may be demonstrated in research
* Discuss how and why particular research methods are used at the BLOA (ERQ Nov 2011)
* Discuss ethical considerations related to research studies at the BLOA

**Physiology and behavior**

* Explain one study related to localization of function in the brain (SAQ 2012)
* Using one or more examples, explain effects of neurotransmission on human behavior (SAQ Nov 2011)
* Using one or more examples, explain functions of two hormones in human behavior (SAQ May 2011 x 2)
* Discuss two effects of the environment on physiological processes
* Examine one interaction between cognition and physiology in terms of behavior (ERQ 2012)
* Discuss the use of brain imaging technologies in investigating the relationship between the biological factors and behavior (ERQ May 2011)

**Genetics and behavior**

* With reference to relevant research studies, to what extent does genetic inheritance influence behavior?
* Examine one evolutionary explanation of behavior. (ERQ 2012)
* Discuss ethical considerations in research into genetic influences on behavior. (ERQ May2011)

**Never been used**

* Explain how principles that define the BLOA may be demonstrated in research
* Discuss ethical considerations related to research studies at the BLOA
* Discuss two effects of the environment on physiological processes
* With reference to relevant research studies, to what extent does genetic inheritance influence behavior?