

### **Learning outcome 1**

This student demonstrates a strong knowledge of research methods, including analytical and statistical procedures. The student uses multiple research approaches to collect scientific data related to his/her research area, and can interpret, analyze and critique his/her data.

### **Learning outcome 2**

The student is able to describe, think critically, evaluate, and apply theoretical perspectives within genetic/genomic studies.

### **Learning objective 3**

The student is able to define a research area and design a research plan, which involves current and cutting-edge methods in their field of specialization within genetics/genomics, to conduct independent research including ethical considerations.

### **Learning objective 4**

The student communicates his/her research (importance, approaches taken, summary and interpretation of results) effectively through oral presentation.

### **Learning objective 5**

The student communicates his/her research effectively in writing as evidenced in written assignments, manuscripts, etc.