By the end of this unit you should be able to;

1. State some hazards and risks associated with field work.
2. Explain that working in the field may have a greater range of hazards than working in the laboratory.
3. Explain what is involved in carrying out a risk assessment.
4. Describe appropriate methods for sampling wild organisms.
5. Explain what **random**, **systematic** and **stratified** mean in reference to sampling.
6. Name methods used in the identification of living things.
7. State that organisms can be classified by both taxonomy and phylogenetics.
8. Define taxonomy and phylogenetics.
9. Give three examples of taxonomic groups
10. Explain that monitoring populations can provide important information for assessing environmental impact such as presence of a pollutant.
11. Describe the procedure of mark and recapture in estimating population size.
12. Give examples of effective and ethical methods of marking.
13. State three measurements used to quantify animal behaviour
14. Explain what an ethogram is, and how it can be used, to construct a time budget.
15. Define the term anthropomorphism.