

## Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. If delivering the graded version of this unit, please refer to the Provider Handbook for details on grading descriptors and the application of these across units within your programme.

**Unit Title:** Enzyme Action

**Graded Unit Reference Number:** GA33BIO41

**Ungraded Unit Reference Number:** UA33BIO41

**Module:** Biology; Human Biology

**Level:** 3

**Credit Value:** 3

**Minimum Guided Learning Hours:** 30

| Learning Outcome (The Learner will):                               | Assessment Criterion (The Learner can):                                                              |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1. Understand the structure and function of enzymes and their uses | 1.1 Describe the structure of an enzyme                                                              |
|                                                                    | 1.2 Compare the Lock and Key hypothesis to the Induced fit hypothesis                                |
| 2. Carry out an investigation                                      | 2.1 Collect sufficient and accurate data appropriate to the aims of the investigation                |
|                                                                    | 2.2 Carry out the investigation with due care and diligence                                          |
| 3. Analyse and draw conclusions from the findings                  | 3.1 Present the data in appropriate formats to enable analysis                                       |
|                                                                    | 3.2 Draw conclusions from the data, linking to the theoretical context and aims of the investigation |
| 4. Evaluate the investigation                                      | 4.1 Describe the limitations of the investigation                                                    |
|                                                                    | 4.2 Describe improvements that could be made to the investigation                                    |